



The Prospector  
Course Description Guide  
2022-23

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# Heritage High School

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## Mission Statement

As a community of learners, founded on the principles of integrity and respect, we are committed to rigorous and relevant learning for all students. We cultivate meaningful, collaborative relationships. We develop global citizens who are creative, critical thinkers and lifelong learners prepared for the challenges of leading in the 21st Century.

## Course Description Guide

This publication contains the listing of proposed course descriptions for the current school year. Due to limitations such as time, staffing and student demand, certain courses may not be offered or may only be offered in alternate quarters, in alternate semesters, in alternate years, or at different schools. District policy allows students to cross-enroll in courses not offered at their home schools. The number of specific courses offered in a school at a particular time, as well as the courses themselves, reflect the educational priorities identified by the professional staff and the number of students requesting specific courses during the registration process. Factors to be considered in course selection are a student's grade level, course prerequisites, high school graduation requirements, college admission requirements, career and college goals, and student preferences.



# The Scheduling Process

## Modified Block Scheduling

The modified block schedule structure that is used at Heritage allows students to experience a wider selection of courses each semester, to develop responsibility in decision-making and take some control over their school day, and to further enhance students' abilities to tailor their educational experiences to meet their unique needs and follow their particular passions. Our modified block schedule maximizes student contact time with teachers while allowing for multiple opportunities to pursue personal interests by taking elective classes. Electives are offered in both quarter-long and semester-long formats. All students are also encouraged to allow for two unscheduled hours in order to meet with teachers and/or engage in other pursuits. Students are able and encouraged to spend unscheduled time utilizing the many resources Heritage offers to help them in their educational endeavors:

- Advisory and Enrichment time to receive one-on-one and/or small group instruction on certain academic units, as well as to learn and/or improve study strategies and test taking preparation. Advisory and Enrichment are built into student's schedules and each meets twice a week.
- 2nd and 3rd floor student study centers or the library to study and complete homework
- Counseling and Post-Graduate Center for college/career planning and support
- Student Center where students can study or socialize and relax
- Computers are available for students to use in the library to complete homework or research as well as a wireless network for chromebooks and personal laptops throughout the building.
- Access to NHS tutors through academic workshop classes and our Flight Tutoring Center

The modified block schedule has many benefits, such as allowing increased planning and preparation time for staff members. Littleton Public Schools has designated late start Wednesdays for teachers to meet in Professional Learning Communities (PLC's). This time allows teachers to collaborate with a focus on improving student achievement, identifying essential learnings and creating common course assessments.

## Registration for Classes

Early in the spring semester students will receive registration materials in their Advisory classes for the next school year. Incoming freshmen will have scheduled registration nights, with additional times offered throughout the semester. Students should refer to *The Prospector Course Guide* on the HHS website for course descriptions, prerequisites, etc. At the scheduled registration session, students will enter course requests online. Our scheduling process enables students to make some decisions about their schedules; however, the process does not allow for students to request a specific class period or teacher. Students are encouraged to make their class choices a top priority rather than basing their study schedule around outside interests or work. **Counselors will select courses for students who do not complete the registration process.**

**\* Registration includes many elements of the Individual Career and Academic Plan (ICAP) graduation requirement.**

## Course Loads Under Modified Block Schedule

All students must carry a minimum of 1.5 credits per quarter. Any exception must be approved by an administrator.

## Credits From Other Sources

Students may earn credits for taking courses from a variety of sources. Any course taken outside HHS, with the exception of new students' transfer credits, must be pre-approved by administration. Forms and information are available in the Counseling Office. Other sources of credit include:

### Non LPS Online Courses

Students need to have correspondence/online courses pre-approved by their counselor, administration, and LPS, if they wish to receive credit. A form must be completed and approved prior to the start of the correspondence/online course. Generally, these courses are taken for credit recovery or to complete needed elective courses. These courses should cover state content standards. A maximum of three (3) Non LPS Online Courses are accepted toward graduation requirements.

### Transfer Credits

Credits from previous high schools will be evaluated by both the registrar and counselor when a student transfers to HHS. Senior transfer students must complete eight semesters in grades 9-12 before graduating. The option for early graduation is not open to students who transfer to HHS during their senior year. Per LPS District Policy, Honors classes that have been weighted at other educational facilities will be unweighted upon entrance into Heritage High School.

### Concurrent Enrollment Options

All grades have the opportunity to take college courses while still attending high school. Students choosing this option receive both high school and college credit for these courses and may take up to two courses per semester. Information is available through the Counseling Office or the LPS District [website](#). College courses taken by Heritage High School students DO NOT count as "weighted grades" unless they exceed Advanced Placement standards. Forms for weighted grade approval must be completed and signed by the principal and student's counselor before coursework begins.

### Foreign Study

Students may receive credits for approved certified foreign exchange programs, but arrangements must be made in advance of the student's departure. A student must discuss the academic program with his/her counselor and prepare a plan to be approved by the Assistant Principal for Instruction. A maximum of 20 credits may be earned toward graduation for each semester of participation in a foreign travel program.

### Waivers

There are times when a student may request a waiver of a required class in order to make way for another class in that student's chosen pathway. This pathway will be documented in the student's Individual Career and Academic Plan (ICAP) and approved by the student's parent and counselor. A waiver does not reduce the total number of credits (22) required for graduation. Waivers that students may currently request are listed below:

#### Physical Education Waiver:

Starting with the Class of 2021, Heritage High School students who successfully complete a season in good standing of:

- CHSAA - sanctioned Heritage High School sport, or
- Unified Sports (as an athlete, not as a "coach"), or
- Marching Band

**and** are awarded a certificate of participation, may receive a waiver of .25 Physical Education credits for the season. During grades 9-12, students may request this waiver two times, for a cumulative total of .50 credits. This waiver may NOT be used to replace the district health or swimming requirements. Students wanting to request a waiver can pick up a form in the Counseling Office. They must complete the appropriate waiver request form and submit it to the Office of Instruction within nine weeks of the completion of the sport or marching band season.

*Additional credit-seeking opportunities may be considered by seeking prior approval from administration. Please see your counselor to discuss this option.*



## **Schedule Change Process**

The Master Schedule is driven by the courses students request during the registration process. The school strives to balance class sizes as best it can through the registration process and thus, students may not get the elective course they desire, however any course offered in the HHS curriculum will teach a student something new. Courses and number of sections are also determined based on student requests; therefore, schedule changes are kept to a minimum. Students are encouraged to make their schedule choices a top priority rather than basing their study schedule around outside interests or work.

In order to begin the schedule change process, a student must go to the HHS website and complete a schedule change form online. **This must be submitted within the first week of each semester.** Students may not begin a new course after the first week of the semester. Students may drop a class within the first 10 school days of the semester with no penalty. After 10 days, students will receive a withdraw/fail. Withdraw/fail grades will be calculated in the GPA and remain on the transcript. Schedule changes will be made based on academic need and not as a matter of convenience.

A schedule change will be allowed for legitimate academic reasons such as:

- Senior needs a class for graduation
- Student needs to meet minimum credits requirement
- Student has been placed in the wrong level of class
- Student fails to meet the prerequisites of a class
- Student has been scheduled into two classes during the same period

Students must attend the classes as they are scheduled regardless of any error. Students who are scheduled into two classes during the same period should attend the core class or the class that meets their graduation requirements until the corrections are made. Corrections will appear on Infinite Campus as they are completed and students are responsible for checking their schedules for changes.

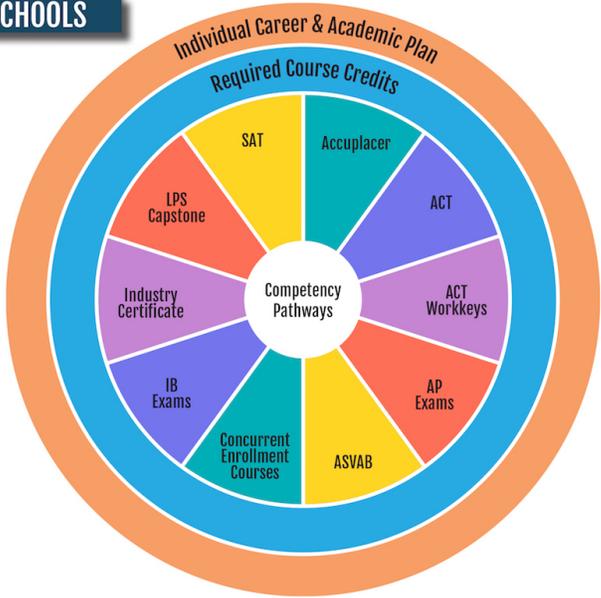
## **Opt-Out Procedures**

Opt-out applies to the Board-adopted curriculum and related activities that occur regularly or as a matter of course. Students who wish to opt-out must show a bona fide reason in order to be approved. Replacement of assignments/activities may or may not be provided at the administration/teacher discretion.

## GRADUATION REQUIREMENTS

<u>Language Arts</u>	<u>4 Credits</u>
English 9 or English 9 Honors	1.0 credit
English 10 or AP Seminar/English 10	1.0 credit
English 11, English 12, other Language Arts Electives	2.0 credits
<u>Social Studies</u>	<u>3.8 Credits</u>
Government	0.5 credits
Students must complete 3.8 credits	
Most colleges require 1 year of US History & Geography	
<u>Mathematics</u>	<u>2 Credits</u>
Students must complete 2 credits- <i>2 full years</i>	2 credits
Most colleges require 4 years of math; Algebra and beyond	
<u>Science</u>	<u>2 Credits</u>
Students must complete 2 credits – 2 full years	2 credits
<u>Fine Arts/Practical Arts</u>	<u>1.2 Credits</u>
Fine Arts- Art, Drama and Music	0.5 credits
Practical Arts- Business, Technology, Consumer & Family, CTE	0.5 credits
Other Fine Arts/Practical Arts Electives	0.2 credits
<u>Physical Education</u>	<u>1.2 Credits</u>
Swimming	0.25 credits
Health	0.25 credits
Other PE Electives	0.7 credits
<u>Additional Credits</u>	<u>7.8 Credits</u>
Any credits beyond the required in each department including World Languages and Advisory/Enrichment	7.8 credits
Financial Literacy is required and can be met through Economics or Personal Finance	
<b>TOTAL REQUIRED CREDITS FOR GRADUATION</b>	<b>22 credits</b>

# LITTLETON PUBLIC SCHOOLS GRADUATION COMPETENCY MENU

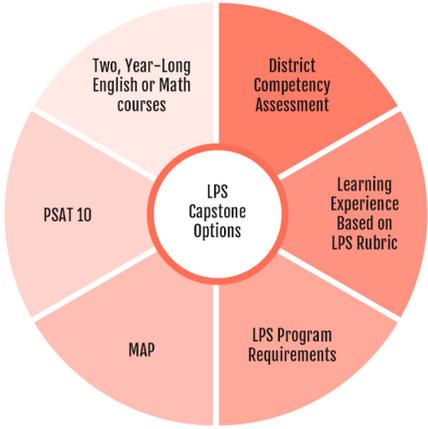


- ICAP**  
Individual Career and Academic Plan (ICAP) - Required for all students  
Info: [www.littletonpublicschools.net/content/icap](http://www.littletonpublicschools.net/content/icap)
- Required Course Credits**  
Required for all students - Policy IKF-E  
Info: [www.tinyurl.com/LPS-IKF-ReqCredits](http://www.tinyurl.com/LPS-IKF-ReqCredits)

Feb 2020

- Accuplacer**  
Next Generation Accuplacer - As set by the CDE  
Info: [www.cde.state.co.us/postsecondary/grad-menu](http://www.cde.state.co.us/postsecondary/grad-menu)
- ACT**  
American College Testing (ACT) - Passing score as set by the CDE  
Info: [www.cde.state.co.us/postsecondary/grad-act](http://www.cde.state.co.us/postsecondary/grad-act)
- ACT Workkeys**  
National Career Readiness Certificate - Score Bronze or higher  
Info: [www.cde.state.co.us/postsecondary/actworkkeys](http://www.cde.state.co.us/postsecondary/actworkkeys)
- AP Exams**  
Advanced Placement (AP) Exam - Score 2 or higher  
Info: [www.cde.state.co.us/postsecondary/grad-advanced](http://www.cde.state.co.us/postsecondary/grad-advanced)
- ASVAB**  
Armed Services Vocational Aptitude Battery (ASVAB) - Score 31 or higher  
Info: [www.cde.state.co.us/postsecondary/grad-asvab](http://www.cde.state.co.us/postsecondary/grad-asvab)
- Concurrent Enrollment Courses**  
Course grades "C" or higher  
Info: [www.cde.state.co.us/postsecondary/grad-concurrent](http://www.cde.state.co.us/postsecondary/grad-concurrent)
- IB Exams**  
International Baccalaureate (IB) Exam - Score 4 or higher  
Info: [www.cde.state.co.us/postsecondary/grad-ib](http://www.cde.state.co.us/postsecondary/grad-ib)
- Industry Certificate**  
Credential recognized by by business and industry. They are district determined.  
Info: [www.cde.state.co.us/postsecondary/grad-industry](http://www.cde.state.co.us/postsecondary/grad-industry)
- LPS Capstone**  
See page 2
- SAT**  
Scholastic Aptitude Test (SAT) - Passing score as set by the CDE  
Info: [www.cde.state.co.us/postsecondary/grad-sat](http://www.cde.state.co.us/postsecondary/grad-sat)

# GRADUATION COMPETENCY MENU



- District Competency Assessment**  
Successful demonstration of learning as measured by the district competency assessment for the following: English 9, English 10, Algebra, Geometry
- Learning Experience Based on LPS Rubric**  
Info: [www.tinyurl.com/LPS-Rubric](http://www.tinyurl.com/LPS-Rubric)
- LPS Program Requirements**  
Program requirements for a small percentage of English learners, gifted students and students with disabilities, when necessary.  
Info: [www.tinyurl.com/LPS-ELD-Graduation](http://www.tinyurl.com/LPS-ELD-Graduation)
- MAP**  
Measure of Academic Progress (MAP)  
Math - Rausch Unit (RIT) score 246 or higher  
English - Rausch Unit (RIT) score 230 or higher  
Info: [www.littletonpublicschools.net/content/map](http://www.littletonpublicschools.net/content/map)
- PSAT 10**  
Preliminary Scholastic Aptitude Test 10 (PSAT 10)  
10th Grade Benchmark - As set by College Board  
Info: <https://collegereadiness.collegeboard.org/about/scores/benchmarks>
- Two, Year-Long English or Math Courses**  
Each course passed with a "B" or higher by the end of each course

## WHAT IS A CAPSTONE EXPERIENCE?

LPS understands and values the belief that every student will demonstrate competency in their own unique way. In addition to the other ways to demonstrate competency, LPS capstone options are culminating exhibitions of structured experiences, performance opportunities or projects that demonstrate learning of predetermined outcomes. In LPS, students have an opportunity to select from a variety of authentic, rigorous learning opportunities that allow students to draw on their own assets, knowledge and skills to show their learning in meaningful ways.

The LPS capstone options serve as mechanisms for students to curate and display high quality work that demonstrates their competency of Colorado academic standards in English and math and career and college readiness skills. In LPS, students can demonstrate their competency through specific course completion, district competency assessments, cor-related college-readiness assessments and specific learning experiences.



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More information can be found on the [LPS webpage](#).

# EDUCATIONAL PLANNING

## Recommended 4 Year Educational Plan

-Additional pathways may be available. Please see your counselor for more information.

SUBJECTS	Freshman 9th	Sophomore 10th	Junior 11th	Senior 12th
<u>Language Arts</u> 4 Credits *4 years	English 9 OR English 9 Honors	English 10 OR AP Seminar/English 10		
<u>Social Studies</u> 3.8 Credits *3-4 years  Government Required	World Civilization & Geography  OR AP Human Geography	U.S. History OR AP U.S. History	Economics OR AP Economics & Government OR AP Government	
<u>Mathematics</u> 2 Credits *4 years				
<u>Science</u> 2 Credits * 3 years				
<u>Fine Arts</u> 0.5 Credits 1.2 Total FA/PA Credits Required				
<u>Practical Arts</u> 0.5 Credits 1.2 Total FA/PA Credits Required				
<u>Physical Education</u> 1.2 Credits Health & Swimming Required				
<u>World Language</u> *1-3 years				
<u>Other</u> 7.8 Credits Financial Literacy is required (and can be met through Personal Finance or Economics.)				
<u>Total Credits</u>				22 TOTAL Credits Needed for Graduation

**YEAR 5 (after high school plans)**

List your ideas for what you plan to do after you graduate from high school. Some options are: work full time, 4 year college/university, 2 year college or trade school, part time work/part time school, military, other (mission, travel or voluntary service). Be specific... name of college/university, place of employment, branch of military, other.

- 1. \_\_\_\_\_
- 2. \_\_\_\_\_
- 3. \_\_\_\_\_
- 4. \_\_\_\_\_

Use this information to plan your high school coursework so that you are prepared for the fifth year.

***College Admissions Criteria:***

Most colleges expect that students have completed the following coursework in preparation for college:

- 4 years of English
- 3-4 years of Science
- 3-4 years of Social Studies
- 2-3 years of the same World Language
- 3-4 years of Math

***\*Colorado Commission on Higher Education (CCHHE) requirements:***

- 4 years of English
- 3 years of Social Studies (at least 1 unit of U.S. History or World History)
- 4 years of Math (Algebra 1 and above)
- 3 years of Natural/Physical Sciences (2 units lab based)
- 1 year of Foreign Language
- 2 years of Academic Electives (please consult the high school curriculum guide or contact the Colorado Department of Education at <http://higher.ed.colorado.gov/academics/admissions/coursecompletion.html> .

# IMPORTANT GRADING INFORMATION

## **Grade Point Average and Class Rank**

Cumulative grade point average and class rank are reported by the Counseling Office each semester on transcripts. Grade point average and rank are based on academic records through eight semesters of high school - grades 9-12. All courses for which students earn an A, B, C, D, or F grade are factored in the GPA. A course of a P(Pass) is not factored into a student's GPA. Advanced Placement classes are weighted for grades A - C (see below). Pass/Fail courses that are passed are not included in the GPA, but do count for graduation credit. Pass/Fail courses that are failed, however, are included in the GPA and therefore do affect class rank. If a student repeats a course, both grades are factored into the GPA. All students are included in the class rank. Weighted grades are outlined below.

Advanced Placement Courses: A = 5, B = 4, C = 3, D = 1, F = 0

All other courses: A = 4, B = 3, C = 2, D = 1, F = 0

**Honors courses are not weighted. Per LPS District Policy, Honors classes that have been weighted at other educational facilities will be unweighted upon entrance into Heritage High School.**

## **Course Withdrawals**

Students may drop a class up until 10 school days after the start of the semester with no penalty, but still must maintain a minimum of 30 credits. After the 10<sup>th</sup> day, students will receive a withdraw/fail (W/F) grade unless there are extenuating circumstances. Withdrawal/fail grades will be calculated in the student's GPA and remain on their transcript.

## **Grade Review Process**

A student/parent with a question about a grade should first contact the teacher. If further assistance is needed, please contact your counselor for additional support. If at that point the grade issue is not resolved, please contact the Assistant Principal of Instruction. The assistant principal will listen to concerns and may facilitate a conference with all interested parties. The teacher will review the grade in light of any new information or unusual circumstances and may consider administrative recommendations. The teacher will then communicate his/her decision to the student, parents, counselor and administrator.

## **Pass/Fail Option**

Students may elect to take a maximum of .5 credits each semester on a pass/fail basis. This option is subject to the following requirements:

- Students must request a pass/fail contract from their counselor and obtain all the necessary signatures by the end of the second six weeks of each semester and return it to their counselor. Forms must be submitted by the deadline.
- Pass/fail options must be re-negotiated every semester.
- This option is available for elective courses only, not for courses required for graduation.
- Any passing grade earned by the student is not included in the computation of class rank or grade point average, but does earn semester credits and is counted toward graduation credits.
- Some courses may be offered only on a pass/fail basis, it is not an option to receive a letter grade in these courses. (*Advisory & Enrichment, Student Assistant, and Work Experience, for example.*)

## **Recoverability for Freshmen**

NO CREDIT (NC) will be applied to all courses failed by freshmen. NC replaces "F" and is not calculated in the GPA. This procedure places a value on what students have learned and an opportunity to learn from past mistakes. The intent is to provide motivation to "start new" after a poor freshman year and to provide incentive to work towards graduation. Transcripts will reflect NC during the summer after freshman year.

## **Repeated Courses**

Any students in grades 10-12 may repeat a course in which they received an F. The previous grade is part of the permanent record/transcript and GPA. The grade for the repeated class will be calculated in the current semester GPA and the cumulative GPA. Repeated courses can be taken online during the academic year on a space available basis, or through summer school. Courses must be approved by a counselor and a building administrator.

## GRADUATION INFORMATION

### Graduation Ceremony

Students who have fulfilled **all** requirements for a Heritage High School diploma are eligible to participate in the graduation ceremony. Participation in the ceremony is voluntary. Diplomas will be available following commencement for all students who have completed their graduation requirements. The administration may deny students the privilege of participating in the graduation ceremony if they engage in destructive or unacceptable behavior (including senior pranks) during their senior year. See the *Student Code of Conduct* for details regarding student behavior.

### Graduation with Honors

Students shall be recognized at commencement exercises and honors assemblies based on their cumulative grade point average at the end of the second semester of their senior year.

<i>Graduation with Honors</i>	<i>3.5 – 3.799</i>
<i>Graduation with High Honors</i>	<i>3.8 – and above</i>

### Early Graduation

Occasionally, students will plan to have all graduation requirements completed by the end of the first semester of their senior year. Students making a request for early graduation **must** first make an appointment to see their counselor and a letter from the student must then be submitted to the principal. The letter must include specific reasons and rationale for requesting early graduation. The counselor will present and discuss letters with the principal. All request forms must be submitted prior to the end of the second semester of their junior year and must be signed by parents and the student. Students who transfer into Heritage during, or just prior to their senior year, may not graduate early.

If the request is approved, the student will be issued a diploma at the end of the school year. Students who graduate early are entitled to return to HHS end of year senior events such as yearbook distribution, senior slide show and prom. They are encouraged to participate in the graduation ceremony with their class. Students who graduate early are not eligible for valedictorian, salutatorian, or honor cord status.

## ADVANCED PLACEMENT PROGRAM

Heritage High School offers a comprehensive Advanced Placement Program (AP). AP, sponsored by the College Board, is an intensive program of college-level courses and examinations offered in high school. AP examinations are graded on a scale of 1 to 5, with 1 indicating “no recommendation” and 5 indicating “extremely well qualified.” Students who earn a 3, 4, or 5, may be awarded college credit in that course by the college/university that they attend. Students may also be eligible for AP scholar awards which recognize high school students who demonstrate college-level achievement on a specified number of AP exams. The Advanced Placement program charges a fee for each examination taken. Additional information on the AP program at Heritage High School can be found in the AP Handbook available in the Counseling Department and under the [Advanced Placement tab](#) on the Heritage High School website.

**Heritage adds AP Capstone to Curriculum** - Heritage is the first school in Colorado, one of a select group of schools nationally, and the only school in LPS to incorporate the AP Capstone Diploma program. **AP Capstone** is an innovative diploma program from College Board that equips students with the independent research, collaborative teamwork, and communication skills that are increasingly valued by colleges. AP Capstone is built on the foundation of two AP courses- AP Seminar and AP Research- and is designed to complement and enhance the in-depth, discipline-specific study experienced in other AP courses. It cultivates curious, independent, and collaborative scholars and prepares them to make logical and evidence-based decisions.



**In AP Seminar**, students investigate real-world issues from multiple perspectives, gathering and analyzing information from various sources in order to develop credible and valid evidence based arguments.

**In AP Research**, taken after AP Seminar, students cultivate the skills and discipline necessary to conduct independent research in a field of their choice in order to produce and defend a scholarly academic thesis.

Students who earn scores of three or higher in AP Seminar and AP Research and on four additional AP exams of their choosing will receive the AP Capstone Diploma issued by AP. Students who earn scores of three or higher in AP Seminar and AP Research, without the additional scores on four additional AP Exams, will receive the AP Seminar and Research Certificate issued by AP. Both signify their attainment of college-level academic and research skills. *AP Seminar may also be taken as a stand-alone option but the student will not be eligible to earn a Capstone Diploma or Certificate.*

### **AP SEMINAR - AP Capstone Diploma Program**

**Grade: 10, 11, 12**

**Credit: 0.5 per semester - year long**

**Prerequisite: Teacher recommendation/approval**

In this foundational course, students develop and strengthen analytic and inquiry skills, by investigating real-world topics of their own choosing from multiple perspectives which often are different or competing. In groups and individually, the students will examine many types of materials to collect and analyze information with accuracy and precision, craft arguments based on facts supporting their point of view, and effectively communicate this information through various media. Themes that allow for deep exploration based on students interests, local and/or civic issues, global or international topics, and concepts from other AP courses are typically selected. For example, students might explore the question of whether national security is more important than a citizen's right to privacy, or whether genetic engineering is a benefit to society. During the course, students complete a team project and presentation, an individual paper and presentation, and take a written AP exam in May. The AP Seminar exam score is based on all three components and is reported on the standard 1-5 AP scoring scale. Most work is completed in the classroom.

### **AP RESEARCH - AP Capstone Diploma Program**

**Grade: 11, 12**

**Credit: 0.5 per semester - year long**

**Prerequisite: AP Seminar**

The second course in the AP Capstone experience allows students to work with an expert advisor to design, plan, and conduct a year-long research-based investigation on a topic of individual interest. Through this inquiry and investigation, students demonstrate the ability to apply scholarly understanding to real-world problems and issues. Students further the skills developed in AP Seminar by understanding research methodology, employing ethical research practices, and accessing, analyzing, and synthesizing information to build, present, and defend an argument. Students may choose to:

- dig deeper into a topic studied in an AP course;
- work across academic areas with an interdisciplinary topic; or
- study an area of interest, perhaps one for further study at the college level.

At the end of the research investigation, students submit an academic thesis paper of about 5,000 words, present their thesis, and orally defend their work. The AP Research exam score is solely based on the paper, presentation, and defense, and is reported on the standard 1-5 AP scoring scale. Students do not sit for an AP exam in May. Most work is completed in class.

### **Open Access Framework**

Heritage High School believes all students benefit from the rigor of Honors and AP courses and thus maintains an open access policy. There are a few qualifying factors to ensure proper placement when a student enrolls in an Honors or AP course. Check the description of each Honors and AP course for which ones apply.

- *Teacher Signatures* – enrollment in Honors and AP courses at Heritage requires the signature of a current teacher in the same content area.
- *Assessment* – courses in the English department have a self-assessment form to be completed for honors and AP courses. Out-of-district students wanting to enroll in an Honors Math course must take a Math placement test. Please see the HHS website for English self-assessment information and forms and for Honors math testing dates and times.

- *Prerequisites* – some Honors and AP courses require the successful completion of an appropriate foundational class.
- *Proficiencies* – many of the academic departments suggest minimum proficiencies from prerequisite courses or standardized exams. Please see course descriptions in *The Prospector Course Guide* for information on prerequisites and proficiencies.

### **Stipulations of Taking AP Course Work**

A student enrolled in an AP course is choosing a curriculum that goes beyond the basic high school graduation requirements. The pacing, difficulty, skill development, and content of such courses revolve around the expectation of completion of the College Board AP Exam in May. With this understanding comes the commitment to a year-long course that demands some of the following elements from its participants.

- *AP Agreement* – every student who signs up for one or more AP courses will be required to have a signed contract that confirms their understanding of the commitment to the course and academic rigor.
- *Examinations* – Heritage students are strongly encouraged to take the AP exam, and it is a major focus of the course content and instruction. Students who want their AP course grade weighted **MUST** take the end of the year AP exam.
- *Fees & Materials* – there are additional costs accrued for participation in several AP courses. Many courses request that students purchase their textbook in the summer prior to the beginning of the school year so they can be highlighted and written in. Other AP classes may have additional materials such as workbooks or lab fees.
- *Time Commitment* – weekends, long breaks, and “Advisory/Enrichment” time will systematically be used to stay on schedule with content information. Students can expect daily homework during these time periods. Additionally, summer work may be assigned to be completed before the start of the school year.
- *Drop Policy* – Most AP courses are year-long commitments. All drop requests are reviewed by a school administrator on a case-by-case basis. Students should be aware that, due to teachers’ schedules and classrooms being close to or at their maximum, AP course drops to a regular level course are very difficult to accommodate. If a course drop from an AP class is approved mid-semester, the student must remain in the same subject area for the added course. If a student drops an AP course at semester, the semester grade will **NOT** be weighted even if the student chooses to take the end of the year AP exam.

### **Weighting of Grades**

- Students wanting to have their AP course grade weighted **must** take the end of the year AP exam for the course. If a student drops an AP course at semester, the semester grade will **NOT** be weighted even if the student takes the end of the year AP exam. All AP courses are weighted as follows: A= 5.0, B= 4.0, C=3.0, D=1.0, F=0.
- Honors classes are not weighted. Honors classes that have been weighted at other educational facilities will be unweighted upon entrance into Heritage High School per LPS District policy.

## COMMON CORE STANDARDS

Littleton Public Schools and Heritage High School are proud to implement the Colorado Academic Standards (CAS) and the Common Core State Standards (CCSS). The Colorado Academic Standards were adopted by the state of Colorado in December 2009. In August of 2010, Colorado joined 44 other states in adopting the Common Core State Standards for English (Language Arts) and for Mathematics. Both sets of standards reflect 21<sup>st</sup> Century learning and college and career readiness skills. During the 2013-14 year, most content areas across K-12 in LPS implemented these new standards.

Below is a link to the Colorado Department of Education Fact Sheet on Common Core State Standards.

[CDE Common Core Fact Sheet](#)

## COUNSELING PROGRAM

### Philosophy Statement

At Heritage High School, the school counseling program is an essential and integral part of the overall education process. Our mission is to enhance the learning process of every student through their academic, career and personal/social development.

### Heritage Counselors believe:

- All students have the right to be served by the school counseling program.
- All students can succeed.
- All students
  - have dignity and worth,
  - have access to a school counselor to discuss personal and/or social concerns,
  - have access to resources and services regarding academic and career planning.
- The student and parent/guardian are essential to the development of academic planning, academic progress, and post high school goals.
- All students and their needs are considered in the planning and implementation of the school counseling program.
- An ongoing program of counselor professional development is necessary to maintain a quality school counseling program.

Counselors are available to assist with academic, career and personal/social needs. Counselors are assigned by alpha and are available to meet with students during their unscheduled time or by appointment.

**Counseling Dept: 303-347-7610**

<u>Counselor</u>	<u>Students</u>	<u>email</u>	<u>Phone</u>
Nick Rolling	A-D	nrolling@lps.k12.co.us	303-347-7615
Stephanie Fast	E-K	sfast@lps.k12.co.us	303-347-7617
Candy Riegel	L-Rh	criegel@lps.k12.co.us	303-347-7616
Brian Powers	Ri-Z	bpowers@lps.k12.co.us	303-347-7614
Mary Abbott (Counselor/Interventionist)	A-Z	mabbott@lps.k12.co.us	303-347-3639

## POST GRADUATE CENTER

The Post Graduate Center, in partnership with the Counseling Department, assists students with their post-graduation goals as well as employment, gap year, military, technical, community college or four year college/university planning. Students can meet with college admissions representatives, receive information on scholarships, find assistance with college applications and resume writing through Post Grad.

**Scoir** - Scoir is a program that provides students with a variety of features, including college research and matching tools, a personality assessment that includes surveys to help students connect what they are doing in school to what they would like to do once they complete their education. Scoir provides additional functionality to school counselors to track the progress of individual students, communicate and collaborate with students and families, and create reports on the entire student population. Scoir also facilitates the online submission of transcripts, school forms and recommendations.

<https://app.scoir.com/signin>



**College Planning Programs** - Counselors offer several evening programs throughout the year including college planning and financial aid. Also, many Colleges and Universities will send admissions representatives to visit HHS each year. Students and parents are encouraged to take advantage of these programs and informational visits. More information can be found on the HHS Website.

**SAT or ACT Testing** - Most colleges and universities require some type of entrance exam. The most up to date testing requirements are available on college/university websites; this may include information on how scores need to be delivered to the college/university and requirements for the ACT and/or SAT with writing test options. Students may register for the Scholastic Aptitude Test (SAT) online at collegeboard.org and the American College Testing Program (ACT) at actstudent.org. The Heritage High School College Entrance Exam Board (CEEB) number is 060929.

**Transcript Request** - Seniors may request official transcripts be sent to colleges and universities by the Counseling Office. The cost is \$5 per transcript request, cash or check made payable to HHS. There is no fee to send a transcript for a scholarship application or to the NCAA or NAIA. Students need to comply with HHS and the college or university deadlines, and HHS must have a minimum of **ten school days** to process transcript requests. Students are encouraged to keep their counselor informed of their college application status and decisions, and to update their Scoir accounts with the information. A final transcript will be sent to the college or university the student will attend based upon their senior exit interview.

# COLLEGE ADMISSION REQUIREMENTS

Admission requirements to colleges and universities vary greatly. Students should seek the most current admission requirement from the college or university website. Students may also contact college admission representatives during their visits to the Post Grad Center, during college fairs and at campus visits. Students should always feel free to contact an admissions representative if they need specific information and cannot find it elsewhere. Additional help is always available to students in the Heritage Post Graduate Center.



## IN-STATE COLLEGES

Students planning to attend a four-year college or university in Colorado will need to complete the following classes in order to fulfill the Colorado Commission on Higher Education Admission Requirements. In addition to the Higher Education Admission Requirements, students must also meet the [Admission Eligibility Index](#).

Meeting the Higher Education Admissions Requirements does not guarantee admission to a four-year public institution. Colleges and universities may have additional requirements.

CCHE requirements are not the same as Heritage High School graduation requirements.

Academic Area*	2010+ Graduates
English**	4 years
Mathematics (Must include Algebra I, Geometry, Algebra II or equivalents)***	4 years
Natural/Physical Sciences (two units must be lab-based)***	3 years
Social Sciences (at least one unit of U.S. or world history)	3 years
Foreign Language	1 year
Academic Electives****	2years

## MOST HIGHLY COMPETITIVE UNIVERSITIES

Minimum of 19 high school units:

*Academic rigor including Honors and Advanced Placement is an important consideration in admissions.*

**English:** 4 years- continued emphasis on writing

**Math:** 4 years-to include Algebra I & II, Geometry and Trig/Pre Calculus

**Science:** 4 years- recommended Biology, Chemistry and Physics, lab based courses

**Social Studies:** 4 years- to include 1 year U.S. History and Geography

**World Language:** 3-4 years of same language; check with individual school

**Fine Arts:** 1 year recommended

SUBJECT	HIGHLY SELECTIVE SCHOOLS (Ex. Stanford, Harvard, Yale, Duke, MIT)	SELECTIVE SCHOOLS (Ex. CU, CSU, BYU, U of Denver, U of Kansas)	COMPETITIVE I (Ex. U of Northern Colorado, Kansas State, Arizona State, Regis)	COMPETITIVE II (Ex. Adams State, Western State, Colorado Mesa, Ft. Lewis College)
AP Courses	Academic Areas			
Class Rank	Top 5 -10 %	Top 25%	Top 33%	Top 50%
ACT	32-36	25-29	20-23	18-21
SAT	1400-1600 (math and verbal)	1150-1250 (math and verbal)	950-1050	850-1000

# NCAA ELIGIBILITY

Students who wish to participate in collegiate athletics at the Division I or II level must apply for eligibility with the National Collegiate Athletic Association (NCAA) Eligibility Center during the spring of their junior year of high school, submit a junior year transcript, and submit test scores from the testing service.

## **Division I**

16 required Core Courses

*(10 completed before 7th semester- senior year- of high school; 7 of the 10 must be in English, math or science)*

- Four years of English
- Three years of math (Algebra I or higher level)
- Two years of natural or physical science (including one year of lab science)
- One extra year English, math, or natural/physical science
- Two years of social science
- Four additional years of English, math, natural/ physical science, social science, foreign language, comparative religion, or philosophy.

Earn a minimum GPA of 2.3 and earn an SAT combined score or ACT sum score matching the core-course GPA on the Division I sliding scale.

## **Division II**

16 required Core Courses

- Three years of English
- Two years of mathematics ( Algebra I or higher level)
- Two years of Natural/Physical Science (including one year of lab science)
- Three extra years of English, Math or Natural/Physical Science
- Two years of social science
- Four additional years of English, math, natural/ physical science, social science, foreign language, comparative religion, or philosophy.

Earn at least a 2.2 GPA for Core Courses and earn an SAT combined score or ACT sum score matching the core-course GPA on the Division II full qualifier sliding scale.

## **LIST OF NCAA APPROVED CORE COURSES**

The NCAA Eligibility Center has approved courses for use in establishing the certification status of student-athletes from Heritage High School. If you intend to participate in college athletics, please see your counselor concerning how this list affects your registration for classes.

To access Heritage's List of Approved Core Courses:

- Go to the [NCAA High School Portal](#)
- Enter our high school code 060929 in the box and click "Search"
- Scroll down to see the most up-to-date list of our Approved Core Courses.

Be aware that not all HHS Core Academic Courses are approved by the NCAA Eligibility Center.

## **NAIA Eligibility Center**

The National Association of Intercollegiate Athletics (NAIA) is another governing body for athletic programs at colleges and universities throughout the U.S. and Canada. Schools associated with the NAIA can give athletic scholarships and do require prospective athletes to register with the NAIA Eligibility Center.

First-time college freshmen must meet two of three eligibility criteria and graduate high school to be eligible to play.

- a minimum GPA of 2.0 on a 4.0 scale
- a minimum test score of 18 on the ACT or 970 on the SAT (critical reading and math only)
- and/ or graduate within the top 50% of their high school class

Once a student registers with the NAIA, he/she will need to submit transcripts and test scores directly to NAIA. For more information about which colleges and universities belong to the NAIA and how to register, go to [playnaia.org](http://playnaia.org).

***\*Please note that the NCAA and NAIA are two separate associations. Depending on which school the student is interested in, he/she will need to submit information to the correct eligibility center.***

**PARENT INVOLVEMENT**

Studies prove that parental involvement makes a difference in student performance in school. At HHS, parents are strongly encouraged to become involved and have many opportunities. Exact dates of the following events are listed on the school calendar and sent to parents and students via weekly emails and on the HHS website.

1. **Back to School Night** - This is an evening meeting held during the second week of school. Teachers, counselors, and administrators are available to talk about class curricula and expectations.
2. **Parent/Teacher Conferences** - These are held one evening in October and one evening in March. Parents have the opportunity to spend five minutes speaking with each of their student’s teachers about their student’s progress. We encourage parents to bring their student(s) with them. If parents need more than five minutes, they may make an appointment to meet with a teacher at a later time.
3. **Contact Teachers** - If you have questions about a class or a grade, please start by contacting the teacher directly by phone or email. Contact information can be found on the HHS Website or by calling the main office. Feel free to contact teachers and inquire about your student’s progress.
4. **Evening Meetings**- The counselors sponsor evening meetings to help parents learn about programs and websites to help their students with post-high school planning. Programs are also held regarding college information and financial aid. These meetings are for parents and students.
5. **HHS In the Know** - A weekly publication is also emailed to parents/guardians listed in Infinite Campus.
6. **Registration Materials** - Early each spring students submit their course requests for the following year. Parents should be involved in this process and are asked to approve course selections by signing their student’s registration cards.
7. **Parent Organizations** - Contact information is available on the HHS website and in the main office.

\*Accountability Committee

\*Parent/Teacher Organization (PTO)

\*After - Prom Committee

\*Parent Volunteers

\*[Athletic Booster Organizations](#)

\*Patrons of the Fine Art

FINE ARTS COURSE OFFERINGS						
Course Title	Credit					Prerequisite
		9th	10th	11th	12th	
AP Music Theory - year long	1.0		X	X	X	Instructor Approval

	Music Appreciation	0.25	X	X	X	X	None
I N S T R U M E N T A L  M U S I C	Concert Band - year long	1.0	X	X	X	X	Experience on instrument
	Symphonic Band - year long (Audition Band)	1.0	X	X	X	X	Instructor Approval, Audition
	Jazz Band I - year long (Audition Band)	1.0	X	X	X	X	Audition; Concurrent enrollment in a band
	Jazz Band II- year long (Audition Band)	1.0	X	X	X	X	Instructor approval; Concurrent enrollment in a band
	Orchestra - year long	1.0	X	X	X	X	None
	Chamber Orchestra - year long (Audition Band)	1.0	X	X	X	X	Audition; concurrent enrollment in orchestra
	Piano	0.5	X	X	X	X	None
	Marching Band Lab (Aug through Oct)		X	X	X	X	Must be a member of a band
	Brass/Percussion Lab - year long		X	X	X	X	Concurrent enrollment in Orchestra, Symphonic Band or Wind Ensemble
	T H E A T R E	Acting Study I	0.25		X	X	X
Drama		0.25	X	X	X	X	None
Stagecraft		0.25	X	X	X	X	None
Theatre Company		0.5			X	X	Acting Study, Stagecraft or Instructor Approval
Theatre Movement I		0.25	X	X	X	X	None
V I S U A L	Ceramics I	0.25	X	X	X	X	
	Ceramics II	0.25		X	X	X	Ceramics I
	Design I	0.25	X	X	X	X	None
	Design II	0.25	X	X	X	X	Design I
	Digital Photography	0.25	X	X	X	X	Digital camera (DSLR or point and shoot preferred) with removable storage card and 2+GB jump drive
A R T S	Drawing I	0.25	X	X	X	X	None
	Drawing II	0.25	X	X	X	X	Drawing I
	Painting I	0.25	X	X	X	X	None
	Painting II	0.25	X	X	X	X	Painting I
	Printmaking	0.25	X	X	X	X	Drawing I
	Sculpture	0.25		X	X	X	Design I and II

	Sculpture II	0.25		X	X	X	Sculpture
	Watercolor	0.25	X	X	X	X	None
V O C A L  M U S I C	Men's Ensemble - year long	1.0	X	X	X	X	None
	Women's Ensemble - year long	1.0	X	X	X	X	None
	Women's Select Choir - year long (Audition Choir)	1.0		X	X	X	Audition or instructor approval
	Concert Choir- year long (Audition Choir)	1.0	X	X	X	X	Audition
	Show Choir- year long (Audition Choir)	1.0		X	X	X	Audition; concurrent enrollment in a choir or theory
	HHS Singers - year long (Audition Choir)	1.0		X	X	X	Audition; concurrent enrollment in a choir or theory

## FINE ARTS COURSES

### AP MUSIC THEORY

**Grade: 10-12**

**Credit: 0.5 per semester - year long**

**Fee: Text and AP Exam**

**Prerequisite: Instructor approval**

This college level course studies the Common Practice Period including aspects of melody, harmony, texture, rhythm, form, musical analysis, composition, history and style. This course will also cover musicianship skills such as dictation, recognition/identification, sight-singing and other listening skills. The student's ability to read and write musical notation is fundamental to this course. Students must be able to read at least one clef (Treble, Alto, Tenor or Bass Clef). It is also assumed that the student has acquired (or is acquiring) basic performance skills in voice or on an instrument. Students completing this course are required to take the Advanced Placement examination in May.

### MUSIC APPRECIATION

**Grade: 9-12**

**Credit: 0.25**

**Prerequisite: None**

This course involves a study of musical literature and style, including many contemporary genres as well as music from the Baroque, Classical, and Romantic periods. Students will learn to listen critically to music of all styles and be able to analyze and compare music from different periods. *This course addresses the following Colorado state academic standards in music: theory of music and aesthetic valuation of music.*

### CONCERT BAND

**Grade: 9-12**

**Credit: 0.5 per semester – year long**

**Fee: \$50 District Activity Fee - one charge per student per school year**

**Prerequisite: Experience on instrument**

Concert Band is an intermediate level band. No audition is needed. The group develops reading and technical skills in a large ensemble format while learning rhythm, harmony, scales, listening, balance, blend, and proper tuning. Literature includes classic band works and the most current works from the genre's leading composers. Participation in extracurricular activities like rehearsals and performances are required. Marching band is not a requirement but is strongly encouraged for all band members. This course addresses the following Colorado state academic standards in music: expression of music, creation of music, theory of music, and

aesthetic valuation of music.

### **SYMPHONIC BAND (Register for Audition Band)**

**Grade: 9-12**

**Credit: 0.5 per semester- year long**

**Fee: \$50 District Activity Fee - one charge per student per school year (See instructor for optional lab credit)**

**Prerequisite: Audition and instructor approval required**

Symphonic band is the advanced-level concert band, comprised of Heritage's finest wind and percussion students. The group refines advanced reading and technical skills in a large ensemble format while continuing to develop rhythm, harmony, scales, listening, balance, blend, and proper tuning. Literature includes classic band works and the most current and challenging works from the genre's leading composers. Participation in extracurricular activities like rehearsals and performances are required. Marching Band is not a requirement, but is strongly encouraged for all band members. *This course addresses the following Colorado state academic standards in music: expression of music, creation of music, theory of music, and aesthetic valuation of music.*

### **JAZZ BAND I (Register for Audition Band)**

**Grade: 9-12**

**Credit: 0.5 per semester - year long**

**Fee: \$50 District Activity Fee - one charge per student per school year**

**Prerequisite: Audition and instructor approval; concurrent enrollment required in Concert Band, Symphonic Band, or Orchestra.**

Jazz Band will further develop advanced concepts of ensemble performance. Advanced literature for jazz ensembles will be studied and performed. Many performances and rehearsals, both during and outside the usual school events, are required parts of this course. Students are expected to sign up for the entire year. *This course addresses the following Colorado state academic standards in music: expression of music, creation of music, theory of music, and aesthetic valuation of music.* Those enrolled in a large ensemble will receive priority.

### **JAZZ BAND II (Register for Audition Band)**

**Grade: 9-12**

**Credit: 0.5 per semester- year long**

**Fee: \$50 District Activity Fee - one charge per student per school year**

**Prerequisite: Instructor approval; concurrent enrollment required in Concert Band, Symphonic Band or Orchestra.**

Jazz Band II will further develop advanced concepts of ensemble performance. Advanced literature for jazz ensembles will be studied and performed. Many performances and rehearsals, both during and outside the usual school events, are required parts of this course. Students are expected to sign up for both semesters. *This course addresses the following Colorado state academic standards in music: expression of music, creation of music, theory of music, and aesthetic valuation of music.* Those enrolled in a large ensemble will receive priority.

### **ORCHESTRA**

**Grade: 9-12**

**Credit: 0.5 per semester - year long**

**Fee: \$50 District Activity Fee - one charge per student per school year**

**Prerequisite: None**

This course is open to all skill levels. In this string ensemble students will become more effective and technically adept string players while studying and practicing with the assistance of the conductor and their section leaders; they will use musical knowledge and skills to demonstrate human thought and emotion; they will develop their understanding of the distinctive language of music while learning to read, notate and sight-read; and they will learn to address the aesthetics of music by making informed evaluations of various pieces. Rehearsals and performances are mandatory. *This course addresses the following Colorado state academic standards: expression of music, creation of music, theory of music, and aesthetic valuation of music.*

### **CHAMBER ORCHESTRA (Register for Audition Band)**

**Grade: 9-12**

**Credit: 0.5 per semester - year long**

**Fee: \$50 District Activity Fee - one charge per student per school year**

**Prerequisite: audition, concurrent enrollment in orchestra**

In this small, performance-oriented string orchestra, students will become more effective and technically proficient instrumentalists while studying and practicing challenging repertoire; they will use musical knowledge and skills to demonstrate human thought and emotion; they will develop their understanding of the distinctive language of music while learning to read, notate and sight-read; they will use composition, improvisation, and/or arranging to create music; and they will learn to address the aesthetics of music by making informed evaluations of various pieces. Rehearsals and performances are mandatory. *This course addresses the following Colorado state academic standards: expression of music, creation of music, theory of music, and aesthetic valuation of music.*

## MARCHING BAND LAB

Grade: 9-12

Credit:

(Aug thru Oct)

Fees: \$400

**Prerequisite:** Highly recommended that members be in the Concert Band, Symphonic Band, or Orchestra

Marching band is a group (woodwinds, brass, percussion, color guard) that meets completely outside the regular school day. Band camp (early August) is required and there are frequent performances at home football games, parades, and statewide marching band contests. The band is competitive and fundraising is strongly encouraged. A fee is collected depending on the instructional design needs of the year's production. *This course addresses the following Colorado state academic standards in music: expression of music, creation of music, theory of music, and aesthetic valuation of music.*

## BRASS AND PERCUSSION LAB

Grade: 9-12

Credit: per semester - year long

Fee: \$50 District Activity Fee - one charge per student per school year

**Prerequisite:** Concurrent enrollment in Concert Band or Symphonic Band required

This lab session for brass and percussion instruments will allow for more individualization in dealing with techniques necessary for good playing. Two ensembles will be created (one brass and one percussion).

## ACTING STUDY I

Grade: 9-12

Credit: 0.25

**Prerequisite:** Prior Theater Experience

Characterization, auditioning and duet acting. This course focuses on scene study and acting exercises, with an emphasis on text analysis, character development, relationships, actions and ensemble performance skills. Skills are acquired through acting projects and a focus on the process, as well as improvisation techniques and additional performances. *This course addresses the Colorado Academic Standards of Creating and Performing.*

## DRAMA

Grade: 9-12

Credit: 0.25

**Prerequisite:** None

Students learn a variety of theatre art skills including acting, improvisation, interpretation. The course focuses on skills learned in theatre that can be applied to any discipline. The course is designed for students with no theatre arts background, and as an introduction to high school practices and procedures for students with middle school or outside theatre experience. This course is a prerequisite for most other drama courses. *This course addresses the Colorado Academic Standards of Creating and Performing.*

## STAGECRAFT

Grade: 9-12

Credit: 0.25

Fee: \$10

**Prerequisite:** None

This course is designed to introduce students to the technical skills necessary to stage a variety of theatre events. Content will include work with scenery, lighting, sound, costuming, and props. Basic principles of theatrical design are introduced along with the personal responsibilities necessary to implement design concepts. *This course addresses the Colorado Academic Standards of creating, performing, and respect for theatre professions.*

## THEATRE COMPANY I & II

Grade: 11, 12

Credit: 0.5 per semester

Fee: \$20

**Prerequisite:** Drama, Acting Study, Stagecraft, or Instructor Approval

This course for highly advanced and motivated students provides opportunities to integrate the whole range of theatre art skills in an ever-changing variety of production activities. Various learning activities include one-act and full-length published plays, children's theatre productions, original plays, performance art pieces, and dramatic recitals. Students are responsible for all aspects of production including design, direction, acting, technology, and business. *This course addresses the Colorado Academic Standards of creating, performing, and respect for theater professions.*

## THEATRE MOVEMENT

**Grade: 9-12**

**Credit: 0.25**

**Prerequisite: None**

This semester course will introduce students to PHYSICAL THEATRE via movement concepts and skills as they relate to communication and dramatic characterization. Physical Theatre is storytelling without words, but using the body, gestures and movement to express life and its challenges in an original, powerful way. Course work may include the following: elements of dance, pantomime, mime, stage combat, and theatrical warm ups for the body. This course may not be repeated for credit, and may not be offered every semester.

## CERAMICS I

**Grade: 9-12**

**Credit: 0.25**

**Fee: \$30**

**Prerequisite: None**

Students will incorporate personal style into the art process, and create ceramic projects with the understanding of its relevance in art history and culture. Students will know the techniques of handbuilding and throwing on the potter's wheel. In order to encourage students to become global citizens, course content is based on the Colorado Academic Standards of: visual observation and comprehension, reflection through oral and written critique, art creation through invention and discovery, and finally visually relating and connecting through transfer.

## CERAMICS II

**Grade: 10-12**

**Credit: 0.25**

**Fee: \$30**

**Prerequisite: Ceramics I**

Second semester ceramic students will continue to incorporate personal style into the art process, and create ceramic projects with the understanding of their relevance in art history and culture. Students will view and discuss artists. They will also read and discuss literature on ceramicists and their work. Students will continue advanced techniques to create more complex projects. *In order to encourage students to become global citizens, course content is based on the Colorado Academic Standards of: visual observation and comprehension, reflection through oral and written critique, art creation through invention and discovery, and also visually relating and connecting through transfer.*

## DESIGN I

**Grade: 9-12**

**Credit: 0.25**

**Fee: \$15**

**Prerequisite: None**

This course covers the basic methods and materials of art beginning with an understanding of the elements of design. Students explore various materials and applicable techniques. The course is designed to allow students of all skill levels to explore, plan, modify, reflect, and communicate through the use of image, word, and symbol. *In order to encourage students to become global citizens, course content is based on the Colorado Academic Standards of: visual observation and comprehension, reflection through oral and written critique, art creation through invention and discovery, and visually relating and connecting through transfer.*

## DESIGN II

**Grade: 9-12**

**Credit: 0.25**

**Fee: \$15**

**Prerequisite: Successful completion of Design I**

Design II is a continuation of Design I with the introduction of more creative problems and methods. Projects may include perspective drawing, illustration, painting, and three-dimensional design. Design II serves as a prerequisite for some advanced studio courses. *In order to encourage students to become global citizens, course content is based on the Colorado Academic Standards of: visual observation and comprehension, reflection through oral and written critique, art creation through invention and discovery, and finally visually relating and connecting through transfer.*

## DIGITAL PHOTOGRAPHY

**Grade: 9-12**

**Credit: 0.25**

**Prerequisite:** Students must have a digital camera (point and shoot) with a removable storage card, and a 2+ GB jump drive.

This is an introductory class in digital photography. It will cover the basic operation of a digital camera, camera terminology, camera adjustments, photo composition, image capture, organization and output. Digital image editing techniques using Adobe Photoshop software will be covered extensively. Students will be required to complete several photo shoots outside of class and image editing/manipulation is the foundation of the course.

## DRAWING I

**Grade: 9-12**

**Credit: 0.25**

**Fee: \$15**

**Prerequisite: None**

This course is designed to build or reinforce observational skills that are essential for successful drawing. Students work with value scales and grids which support deconstructing, proportion, and replication of visual imagery. This course solely focuses on graphite drawings. Drawing II builds upon the foundation established in this course. Creativity and invention are reinforced in the curriculum. Students will work with graphite on paper surfaces. *In order to encourage students to become global citizens, course content is based on the Colorado Academic Standards of: visual observation and comprehension, reflection through oral and written critique, art creation through invention and discovery, and finally relating and connecting through transfer.*

## DRAWING II

**Grade: 9-12**

**Credit: 0.25**

**Fee: \$15**

**Prerequisite: Drawing I**

This course is designed to explore creative subject matter through the previous techniques and methods developed in Drawing I. Student creativity, experiences, and ideas are the driving force of work produced. Students work with a combination of colored pencils and graphite. *In order to encourage students to become global citizens, course content is based on the Colorado Academic Standards of: visual observation and comprehension, reflection through oral and written critique, art creation through invention and discovery, and finally relating and connecting through transfer.*

## PRINTMAKING

**Grade: 9-12**

**Credit: 0.25**

**Fee: \$25**

**Prerequisite: Drawing I**

Students explore and experiment with traditional printing techniques to develop multiple prints/editions of their selected imagery. Visual planning and sequential processes are essential in developing the printing plates and fine art prints. Students explore relief printing, reductive relief printing, and dry point intaglio on plexiglass. *In order to encourage students to become global citizens, course content is based on the Colorado Academic Standards of: visual observation and comprehension, reflection through oral and written critique, art creation through invention and discovery, and visually relating and connecting through transfer.*

## PAINTING I

**Grade: 9-12**

**Credit: 0.25**

**Fee: \$30**

**Prerequisite: None**

Students are exposed to painting techniques and processes. Principles developed in the drawing courses reinforce deconstructing and replicating imagery. Basic color theory learned in Design I is explored and challenged through advanced color mixing and application. *In order to encourage students to become global citizens, course content is based on the Colorado Academic Standards of: visual observation and comprehension, reflection through oral and written critique, art creation through invention and discovery, and visually relating and connecting through transfer.*

## **PAINTING II**

**Grade: 9-12**

**Credit: 0.25**

**Fee: \$30**

**Prerequisite: Painting I**

This course builds upon the principles developed in Painting I. Experimental and process oriented techniques are introduced. Experimentation of brush work and mark making abilities is developed. Painting II explores several historical art genres that include Cubism, Surrealism and Impressionism. *In order to encourage students to become global citizens, course content is based on the Colorado Academic Standards of: visual observation and comprehension, reflection through oral and written critique, art creation through invention and discovery, and visually relating and connecting through transfer.*

## **SCULPTURE**

**Grade: 10-12**

**Credit: 0.25**

**Fee: \$25**

**Prerequisite: Design I and II**

Students will incorporate personal style into the art process, and create sculptures with the understanding of its relevance in art history and culture. *In order to encourage students to become global citizens, course content is based on the Colorado Academic Standards of: visual observation and comprehension, reflection through oral and written critique, art creation through invention and discovery, and visually relating and connecting through transfer.*

## **SCULPTURE II**

**Grade: 10-12**

**Credit: 0.25**

**Fee: \$25**

**Prerequisite: Sculpture**

Second semester sculpture students will continue to incorporate personal style into the art process, and create sculptures with the understanding of its relevance in art history and culture. Students will view and discuss artists. They will also read and discuss literature on sculptors and their work. *In order to encourage students to become global citizens, course content is based on the Colorado Academic Standards of: visual observation and comprehension, reflection through oral and written critique, art creation through invention and discovery, and visually relating and connecting through transfer.*

## **WATERCOLOR**

**Grade: 9-12**

**Credit: 0.25**

**Fee: \$20**

**Prerequisite: None**

This course deals with methods of painting with watercolors by exploring graded washes, wet in wet and dry brush techniques. Watercolor is a medium that requires patience, due to the temperamental nature of the medium. Color theory is reinforced in this course. *In order to encourage students to become global citizens, course content is based on the Colorado Academic Standards of: visual observation and comprehension, reflection through oral and written critique, art creation through invention and discovery, and visually relating and connecting through transfer.*

## **MEN'S ENSEMBLE**

**Grade: 9 – 12**

**Credit: 0.5 per semester - year long**

**Fee: \$50 District Activity Fee - one charge per student per school year**

**Prerequisite: None**

This course is geared toward students who have not had much experience in the performing arts, and is open to all skill levels of any age. In this choir of all boys, students will become more effective and confident performers while studying and practicing the most current vocal pedagogies; they will use musical knowledge and skills to demonstrate human thought and emotion; they will develop their understanding of the distinctive language of music while learning to read, notate and sight-read; and they will learn to address the aesthetics of music by making informed evaluations of various pieces. This class includes many projects such as instrument-making, break-dancing, water-drumming, field-trips, and several other kinesthetic activities. Rehearsals and

performances are mandatory. *This course addresses the following Colorado state academic standards: expression of music, creation of music, theory of music, and aesthetic valuation of music.* **Participation in all extra rehearsals and performances is required.**

### **WOMEN'S ENSEMBLE**

**Grade: 9-12**

**Credit: 0.5 per semester - year long**

**Fee: \$50 District Activity Fee - one charge per student per school year & additional uniform fee**

**Prerequisite: None**

This course is open to all skill levels of any age. In this all girl choir, students will become more effective and healthy singers while studying and practicing the most current vocal pedagogies; they will use musical knowledge and skills to demonstrate human thought and emotion; they will develop their understanding of the distinctive language of music while learning to read, notate and sight-read; and they will learn to address the aesthetics of music by making informed evaluations of various pieces. Rehearsals and performances are mandatory. *This course addresses the following Colorado state academic standards: expression of music, creation of music, theory of music, and aesthetic valuation of music.* **Participation in all extra rehearsals and performances is required.**

### **WOMEN'S SELECT CHOIR (Register for Audition Choir)**

**Grade: 10-12**

**Credit: 0.5 per semester- year long**

**Fee: \$50 District Activity Fee - one charge per student per school year & additional uniform fee**

**Prerequisite: Audition and/or instructor approval**

In this choir of all girls, students will become more effective and healthy singers while studying and practicing the most current vocal pedagogies; they will use musical knowledge and skills to demonstrate human thought and emotion; they will develop their understanding of the distinctive language of music while learning to read, notate and sight-read; they will use composition, improvisation, and/or arranging to create music; and they will learn to address the aesthetics of music by making informed evaluations of various pieces. Rehearsals and performances are mandatory. *This course addresses the following Colorado state academic standards: expression of music, creation of music, theory of music, and aesthetic valuation of music.* **Participation in all extra rehearsals and performances is required.**

### **CONCERT CHOIR (Register for Audition Choir)**

**Grade: 10-12**

**Credit: 0.5 per semester - year long**

**Fee: \$50 District Activity Fee - one charge per student per school year & additional uniform fee**

**Prerequisite: Audition and instructor approval**

This large choir consists of boys and girls from all grade levels. Throughout the year, students will become more effective and healthy singers while studying and practicing the most current vocal pedagogies; they will use musical knowledge and skills to demonstrate human thought and emotion; they will develop their understanding of the distinctive language of music while learning to read, notate and sight-read and they will learn to address the aesthetics of music by making informed evaluations of various pieces. Rehearsals and performances are mandatory. *This course addresses the following Colorado state academic standards: expression of music, creation of music, theory of music, and aesthetic valuation of music.*

### **SHOW CHOIR - Advanced Mixed Ensemble (Register for Audition Choir)**

**Grade: 10-12**

**Credit: 0.5 per semester - year long**

**Fee: \$50 District Activity Fee - one charge per student per school year & additional uniform fee**

**Prerequisite: Audition; concurrent enrollment in Concert Choir or Women's Select Choir**

**(Audition Required – Sophomores, Juniors & Seniors ONLY)**

In this small, performance-oriented choir of boys and girls, students will become more effective and healthy singers while studying and practicing the most current vocal pedagogies; they will use musical knowledge and skills to demonstrate human thought and emotion; they will develop their understanding of the distinctive language of music while learning to read, notate and sight-read; they will use composition, improvisation, and/or arranging to create music; and they will learn to address the aesthetics of music by making informed evaluations of various pieces. Rehearsals and performances are mandatory. *This course addresses the following Colorado state academic standards: expression of music, creation of music, theory of music, and aesthetic valuation of music.*

Participation in all extra rehearsals and performances is required.

### HHS SINGERS - Advanced Women's Ensemble (Register for Audition Choir)

Grade: 10-12

Credit: 0.5 per semester - *year long*

Fee: \$50 District Activity Fee - one charge per student per school year & additional uniform fee

Prerequisite: Audition; concurrent enrollment in Concert Choir or Women's Select Choir or music theory

In this small, performance-oriented choir of all girls, students will become more effective and healthy singers while studying and practicing the most current vocal pedagogies; they will use musical knowledge and skills to demonstrate human thought and emotion; they will develop their understanding of the distinctive language of music while learning to read, notate and sight-read; they will use composition, improvisation, and/or arranging to create music; and they will learn to address the aesthetics of music by making informed evaluations of various pieces. Rehearsals and performances are mandatory. *This course addresses the following Colorado state academic standards: expression of music, creation of music, theory of music, and aesthetic valuation of music.*

Participation in all extra rehearsals and performances is required.

### PIANO

Grade: 9-12

Credit: 0.5

Fee:

Prerequisite: Open Access - no prerequisite

Piano is a one-semester group piano course designed to provide students an introduction to, and an opportunity to refine the fundamentals of, music and keyboard. The primary focus of this course includes an introduction to the structure of the piano keyboard, posture, hand positions, key signatures, rhythms, intervals, chords, scales and melodic lines and may offer instruction in more advanced techniques. Students will also learn the basics of writing and responding to music. Students may be required to participate in formal and/or informal performances. This course addresses the following Colorado state academic standards in music: theory of music, creation of music, expression of music and aesthetic valuation of music, with an emphasis on expression of music and theory of music. In order to encourage students to become global citizens, course content is based on the Colorado Academic Standards of: visual observation and comprehension, reflection through oral and written critique, art creation through invention and discovery, and visually relating and connecting through transfer.

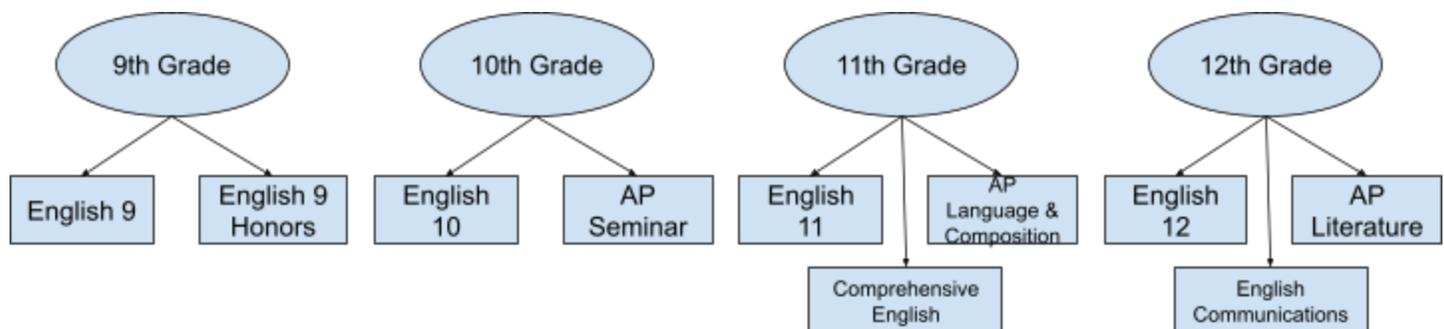
[HHS Fine Arts Department Link](#)

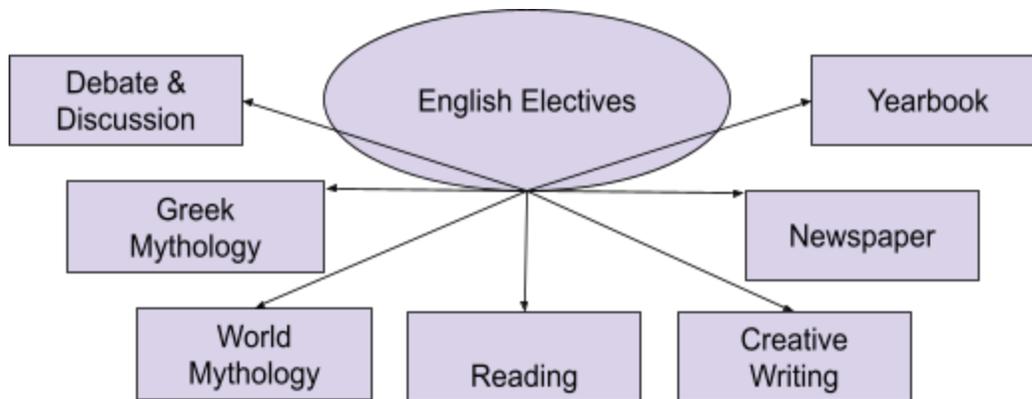
LANGUAGE ARTS COURSE OFFERINGS							
Course Title		Credit					Prerequisite
			9th	10th	11th	12th	
C O R E	English 9 - <i>year long</i>	1.0	X				None
	English 9 Honors - <i>year long</i>	1.0	X				Teacher recommendation/Test Scores
	English 10 - <i>year long</i>	1.0		X			English 9

	AP Seminar/English 10 - <i>year long</i>	1.0		X			Teacher recommendation/Test Scores
	English 11 - <i>year long</i>	1.0			X		English 9 and 10
	AP English Language and Composition - <i>year long</i>	1.0			X	X	Teacher recommendation/ Test Scores/ LA grades
	Comprehensive English - <i>year long</i>	1.0			X		English 9 and 10, teacher recommendation
	English 12 - <i>year long</i>	1.0				X	English 9 and 10, 11 or AP Lang
	AP English Literature and Composition - <i>year long</i>	1.0				X	AP English Lang/Composition, Teacher recommendation, scores, and grades
	English Communications - <i>year long</i>	1.0				X	Comprehensive English, English 11, teacher recommendation
E L E C T I V E S	Creative Writing	0.5		X	X	X	English 9
	Debate and Discussion	0.25		X	X	X	None
	Greek Mythology	0.25	X	X	X	X	None
	News Production - <i>year long</i>	1.0		X	X	X	Approval of Newspaper Adviser
	Reading	0.25	X	X	X	X	Test scores, teacher recommendation
	World Mythology	0.25	X	X	X	X	None
	Yearbook - <i>year long</i>	1.0		X	X	X	Approval by Yearbook Adviser

## English/Language Arts Heritage High School

As the Language Arts Department of Heritage High School, we are committed to delivering rigorous and meaningful instruction at all levels. The curriculum, created by the entire department following the direction of our Essential Learnings and the Colorado State Standards, is meant to serve all students, and prepare them for their post-secondary paths.





## LANGUAGE ARTS COURSES

### ENGLISH 9

**Grade:** 9

**Credit:** 0.5 per semester - *year long*

**Prerequisite:** None

**Fee:** approximately \$9 - Online Program (IXL)

Students will study traditional and contemporary literature and increasingly complex informational texts as the primary, though not exclusive, basis for instruction in these skills. They will read novels, short stories, poetry, drama, nonfiction, and essays. Students learn reading strategies and examine the elements of literature and literary techniques as the basis for analyzing, interpreting, and evaluating these works. Students write literary, narrative, informational, and persuasive texts using a controlling idea or thesis with relevant support which emphasize critical thinking, research skills, analysis, originality, and organization as well as editing and proofreading. Students will explore research questions effectively using the analysis of informational materials and effective problem solving. They will write using appropriate grammar, usage, mechanics, clarity, correct spelling, and an expanded vocabulary. Students give informative and persuasive speeches that demonstrate effective organization, critical thinking, and presentation skills. Students learn listening strategies in order to analyze a speaker's purpose, gain information, and interpret meaning. This course content is based on the Colorado Academic Standards: oral expression and listening, reading for all purposes, writing and composition, and research and reasoning.

### ENGLISH 9 – Honors

**Grade:** 9

**Credit:** 0.5 per semester - *year long*

**Prerequisite:/Recommended:** 8th grade teacher recommendation and test scores at or above grade level

**Fee:** approximately \$9 - Online Program (IXL)

This rigorous course gives highly motivated students extensive practice in analytical thinking by presenting content based on The Colorado Academic Standards: oral expression and listening, reading for all purposes, writing and composition, and research and reasoning. Students in 9 Honors are expected and encouraged to function as independent thinkers as demonstrated through their verbal expressions in a variety of situations. Students will also apply listening strategies to analyze a speaker's purpose, gain information, and interpret meaning in both formal and informal settings. Similar to English 9, honors students will also read a variety of genres in their studies of traditional and contemporary literature, though the reading in this honors course is more rigorous and requires the reading of more selections. Students write literary, informative, and persuasive essays that demonstrate an understanding of critical thinking, analysis, originality, and organization, with much time spent editing and proofreading written work. Research and reasoning will be emphasized, as students evaluate, discern, and assess the validity of information from a variety of sources. The information gathered from the sources will be used to inform their audience. Though the curriculum is aligned to both The Colorado Academic Standards and the English 9 curriculum, the honors student is expected to perform at a higher level as they increase their knowledge in vocabulary, grammar, literary techniques and devices, poetry, and critical reading and writing. Success in this course will prepare students for AP Seminar.

### ENGLISH 10

**Grade: 10**

**Credit: 0.5 per semester - year long**

**Prerequisite: completion of English 9**

**Fee: approximately \$9 - Online Program (IXL)**

Students will study a wide range of texts including novels, short stories, poetry, drama, nonfiction, and essays. Students will apply reading strategies and examine the elements of literature and literary techniques, with a focus on interpretation of universal themes and human experience. Students will write literary analysis with a focus on the development of evidence reasoning, organization, and grammar. Students will gain practice in internet research and reasoning through collecting, analyzing, and evaluating information obtained from multiple sources. Students will also gain experience in oral expression and listening by successfully operating in small and large groups demonstrating effective listening skills. This course emphasizes further knowledge, practice, and application of the four basic areas as stated in the Colorado Academic Standards: reading for all purposes, writing and composition, research and reasoning, oral expression and listening.

### **AP SEMINAR/ENGLISH 10 - AP Capstone Diploma Program**

**\*Graduation Competency Opportunity**

**Grade: 10**

**Credit: 0.5 per semester - year long**

**Prerequisite: Teacher recommendation/approval**

**Fee: Texts and AP Exam; approximately \$9 - Online Program (IXL)**

AP Seminar is a foundational course that engages students in studies that explore the complexities of academic and real-world topics and issues by analyzing divergent perspectives. Using an inquiry framework, students practice reading and analyzing articles, research studies, and foundational literary and philosophical texts. Students also practice listening and viewing skills through historical and current speeches, personal narrative, and additional media. They learn to synthesize information from multiple sources, develop their own perspectives through written essays, and design and deliver oral and visual presentations, both individually and as part of a team. Ultimately the course aims to equip students with the power to analyze and evaluate information, literature, and non-fiction with accuracy and precision in order to craft and communicate evidence-based arguments. During the course, students complete a team project and presentation, an individual paper and presentation, and take a written AP exam in May. The AP Seminar exam score is based on all three components. This course emphasizes further knowledge, practice, and application of the four basic areas as stated in the Colorado Academic Standards: reading for all purposes, writing and composition, research and reasoning, oral expression and listening. **This course offers a Capstone opportunity for students to demonstrate competency in both English and math according to the LPS District Capstone Rubric.**

### **ENGLISH 11**

**\*Graduation Competency Opportunity**

**Grade: 11**

**Credit: 0.5 per semester - year long**

**Fee: approximately \$9 - Online Program (IXL)**

**Prerequisite: English 9, 10**

English 11 is a college preparatory course where students will examine the literary, philosophical, and cultural traditions of short stories, novels, plays, and poetry reflective of western and non-western texts. The course provides an intense study of literature from a wide variety of genres and periods where students will explore themes and specific literary elements that build from one text to the next. Students will also practice and master both fiction and nonfiction (argumentative, thematic analysis, informative) writing. Research and reasoning will be a focal point in which students will research and synthesize complex questions and evaluate, discern, and assess the validity of the information. Students will explore a potential future pathway using primary and secondary sources, and synthesize their findings in the I-Search essay and presentation. Students will continue to reinforce and refine the following skills based on the Colorado State Standards: oral expression and listening; critical reading; writing composition; research and reasoning. Students will understand the intended purpose of the diverse world curriculum by actively listening to and participating in formal and informal presentations. **This course offers a Capstone opportunity for students to demonstrate competency in English according to the LPS District Capstone Rubric.**

### **AP ENGLISH LANGUAGE AND COMPOSITION**

**Grade: 11, 12**

**Credit: 0.5 per semester - year long**

**Prerequisite: Teacher recommendation/reading test scores and Language Arts course grades**

**Fee: Texts and AP Exam; approximately \$9 - Online Program (IXL)**

This course emphasizes the expository, analytical, and argumentative writing that forms the basis of academic and professional communication as well as the personal and reflective writing that fosters the development of writing facility in any context. This course recognizes that skills in writing proceed from students' awareness of their own composing processes: the way they explore ideas, reconsider strategies, and revise their work. This College Board nationally certified curriculum engages students in becoming skilled readers of prose written in a variety of periods, disciplines, and rhetorical contexts and in becoming skilled writers who compose for a variety of purposes. Both their writing and their reading should make students aware of the interactions among a writer's purposes, audience expectations, and subjects, as well as the way generic conventions and the resources of language



stories, and drama. It offers instruction in creative expression with an emphasis on the Colorado Academic Standard of Writing and Composition.

## **DEBATE AND DISCUSSION**

**Grade: 10, 11, 12**

**Credit: 0.25**

**Prerequisite: None**

In this course, students learn the principles of argumentation and debate. This course focuses on improving students' critical thinking skills through practice in developing and refuting arguments, identifying fallacies in reasoning, employing tests of evidence, and arguing about controversial public issues. Through participation in various types of in-class debates, students will learn how to refine their argumentative voices and learn how to speak on their feet.

## **GREEK MYTHOLOGY**

**Grade: 9, 10, 11, 12**

**Credit: 0.25**

**Prerequisite: None**

The goal is to help students understand the ancient mythic world and its continuing influence on contemporary society. Students will listen to, read, and analyze myths, compose and deliver speeches, and produce one major research or creative project. Course content is based on components of the Colorado Academic Standards: oral expression, listening, and effective collaboration; writing and composition; research and reasoning.

## **NEWS PRODUCTION**

**Grade: 10-12**

**Credit: 0.5 per semester- year long**

**Fee: \$50 District Activity Fee - one charge per student per school year**

**Prerequisite: Approval by Newspaper Adviser**

This course is designed to give students a publication staff experience in journalism through the actual production of the school magazine, the Pioneer. This course is strongly recommended for students interested in writing or for students anticipating print and online journalism as a career since it develops or enhances skills such as staff planning, interviewing, writing, editing, layout, self and group evaluation, teamwork, and leadership. In addition, students will receive instruction and practice around journalistic video production and using social media to enhance leadership.

## **READING**

**Grade: 9 – 11**

**Credit: 0.25**

**Prerequisite: Testing and MAP scores, Teacher Recommendation**

Reading classes are designed for students who need more instruction in the reading process as evidenced by below proficient scores on the standardized test or as recommended by teachers and counselors. In alignment with the Colorado State Standards, the primary instruction and skill development in this course will be related to Reading for All Purposes. The course will include development of note taking skills, test taking skills, vocabulary skills, and analysis skills to build students' reading comprehension in nonfiction and fiction. Reading fluency and the ability to make inferences from reading will also be addressed. Students will receive instruction and demonstrate skills in alignment with the Colorado State Standards of effective collaboration and writing and composition.

## **WORLD MYTHOLOGY**

**Grade: 9, 10, 11, 12**

**Credit: 0.25**

**Prerequisite: None**

The goal is to help students understand the ancient mythic world and its continuing influence on contemporary society. Students will listen to and analyze myths, compose and deliver speeches, and produce one major research or creative project. Course content is based on components of the Colorado Academic Standards: oral expression, listening, and effective collaboration; writing and composition; research and reasoning.

## **YEARBOOK**

**Grade: 10- 12**

**Credit: 0.5 per semester- year long**

**Fee: \$50 District Activity Fee - one charge per student per school year**

**Prerequisite: Approval by Yearbook Advisor**

This is an outcomes-based, full-year course that produces the school yearbook, the Eyrle. Students report on the Heritage school

community weekly to provide a permanent history of the school. All students are expected to take on assignments in reporting/writing, photography, and desktop publishing. They will design layouts, take interviews, write copy, take photographs, and produce desktop published pages using Adobe InDesign software. A willingness to learn photography, PhotoShop, and desktop publishing is essential. Highly motivated students may apply for editorial leadership positions after being in the class for a year.

[HHS Language Arts Department Link](#)

MATHEMATICS COURSE OFFERINGS						
Course Title	Credit					Prerequisite
		9th	10th	11th	12th	
Algebra Extended I/II- <i>year long</i>	1.0	X	X	X	X	Teacher Recommendation
Algebra Extended III/IV - <i>year long</i>	1.0		X	X	X	Teacher Recommendation
Algebra I - <i>year long</i>	1.0	X	X	X	X	None
Algebra I Honors - <i>year long</i>	1.0	X				B or better in Honors 8th Grade Mathematics, teacher recommendation
Geometry - <i>year long</i>	1.0	X	X	X	X	Algebra I
Geometry Honors - <i>year long</i>	1.0	X	X			B or better grade in Honors Math in Middle School, instructor or counselor recommendation, and test scores
Modeling in Mathematics - <i>year long</i>	1.0			X	X	Teacher or counselor recommendation, completion of Algebra I & Geometry
Algebra II - <i>year long</i>	1.0		X	X	X	Algebra I and Geometry
Algebra II Honors - <i>year long</i>	1.0	X	X	X		B or better grade in Geometry Honors
Trigonometry	0.5			X	X	C or better grade in Algebra II
Trigonometry Honors	0.5		X	X	X	B or better grade in Algebra II Honors
Pre-Calculus	0.5			X	X	C or better grade in Trigonometry
Pre-Calculus Honors	0.5		X	X	X	B or better grade in Honors Trigonometry
Probability and Statistics - <i>year long</i>	1.0				X	Prior or concurrent Algebra II
Calculus - <i>year long</i>	1.0			X	X	B or better grade in both Trigonometry and Precalculus and teacher recommendation
AP Calculus AB - <i>year long</i>	1.0			X	X	C or better grade in Pre-Calculus Honors or A grade in Precalculus
AP Calculus BC - <i>year long</i>	1.0			X	X	B or better grade in both Honors Trigonometry and Honors Calculus
AP Statistics - <i>year long</i>	1.0			X	X	B or better grade in Algebra II

\*\*\*All out-of-district students, including Littleton Prep and Littleton Academy, wishing to take a course level higher than Algebra I must take a diagnostic exam. Please contact the main office for schedule.

# MATHEMATICS COURSES

## ALGEBRA EXTENDED I/II

**Grade:** 9, 10                      **Credit:** 0.5 per semester - *year long*  
**Prerequisite:** Teacher recommendation  
**Required:** Graphing calculator, any TI-84 version highly recommended

This course is designed for students who had difficulty, failed, or did not take 8th grade pre-algebra. This class is designed to give students extra time to master first semester Algebra I concepts.. Topics include: order of operations, signed numbers, solving equations, and graphing functions.

## ALGEBRA EXTENDED III/IV

**Grade:** 10, 11                      **Credit:** 0.5 per semester - *year long*  
**Fee:** approximately \$4 - Online Program (IXL)  
**Prerequisite:** Teacher recommendation  
**Required:** Graphing calculator, any TI-84 version highly recommended

This course covers the content of the second semester of Algebra I in a year-long format. The course is intended for students who had a difficult time in the first semester of Algebra I and need to go through the content of the second semester at a slower pace. Content covered will include systems of equations, rules of exponents, and polynomials. Topics from probability/statistics and geometry are also included.

## ALGEBRA I

**Grade:** 9-12                      **Credit:** 0.5 per semester - *year long*  
**Fee:** approximately \$4 - Online Program (IXL)  
**Required:** Graphing calculator, any TI-84 version highly recommended

This course is the foundation for all higher mathematics courses. The material learned is used in other disciplines such as science, technology and business. The course will cover the Colorado State Mathematics Standards as outlined by The Common Core Standards for Algebra I. Students will be solving and graphing linear, quadratic and exponential functions with an emphasis on function notation. Students will be able to solve systems of equations. Students will explore statistics and measures of central tendency. Students will be adept at polynomial operations. Students will be able to apply appropriate mathematical concepts to real-world situations. Students not receiving a "C" or higher in a semester of Algebra are recommended for a recovery course.

## ALGEBRA I HONORS

**Grade:** 9                              **Credit:** 0.5 per semester - *year long*  
**Fee:** approximately \$4 - Online Program (IXL)  
**Prerequisite:** B or better grade in Mathematics 8 Honors; teacher recommendation  
**Required:** Graphing calculator, any TI-84 version highly recommended

This course is a more formal approach to Algebra I. It is enriched with in-depth problem solving and additional topics.

## GEOMETRY

**Grade:** 9-12                      **Credit:** 0.5 per semester - *year long*  
**Fee:** approximately \$4 - Online Program (IXL)  
**Prerequisite:** Algebra I  
**Required:** Graphing Calculator, any TI-84 version highly recommended

The fundamental purpose of this course is to formalize and extend students' geometric experiences. The course will cover the Colorado State Mathematics Standards as outlined by The Common Core Standards for Geometry. Students will use reasoning and precise definitions to construct and prove conjectures regarding lines, angles, triangles, polygons and circles. Students will connect Algebra and Geometry through the coordinate plane. Students will be introduced to right triangle trigonometry and its relationship to the unit circle. Students will be able to extend their knowledge of area and perimeter to three dimensional figures. Students will apply probability concepts to real-world situations. It is highly recommended that students who do not receive a "C" or higher in a semester of Geometry are recommended for a recovery course.

\*\*\*Can be combined with Construction Tech as a 5-day/week year-long block in an alternative approach to learning Geometry. The course will be ordered around the naturally occurring steps in the designing and building of a home. \$30 Construction Tech fee will be applied to both semesters. For more information, please contact the counseling office.

## **GEOMETRY – Honors**

**Grade: 9, 10**

**Credit: 0.5 per semester- *year long***

**Prerequisite: B or better grade in Honors Math in middle school, instructor or counselor recommendation, student must have qualifying MAP scores or pass a placement test.**

**Required: Graphing calculator, any TI-84 version highly recommended**

This course is a more formal approach to Geometry. It is enriched with in-depth problem solving and additional topics.

## **MODELING IN MATHEMATICS**

**Grade: 11, 12**

**Credit: 0.5 per semester - *year long***

**Fee: approximately \$4 - Online Program (IXL)**

**Prerequisite: Teacher recommendation/Algebra I (both semesters) & Geometry (both semesters)**

**Required: Graphing calculator, any TI-84 version highly recommended**

This course is intended to help students reinforce their understanding of Algebra I and Geometry by experiencing the fundamentals of these courses using a functions approach and rich, real-world applications. Topics covered include linear models and linear systems, exponential and quadratic functions, similarity, trigonometry, data-analysis, probability, and finance. This course will serve as a bridge between Geometry and Algebra II.

## **ALGEBRA II**

**Grade: 10- 12**

**Credit: 0.5 per semester - *year long***

**Prerequisite: Algebra I and Geometry**

**Required: Graphing calculator, any TI-84 version highly recommended**

Building on their work with linear, quadratic, and exponential functions, students extend their repertoire of functions. The course will cover the Colorado State Mathematics Standards as outlined by The Common Core Standards for Algebra II. Students will be working with polynomial, rational and radical functions. Students will hone their abilities to model situations and to solve equations, including solving quadratic equations over the set of complex numbers and solving exponential equations using the properties of logarithms. Students will be able to identify, graph and write equations for conic sections. Students will be proficient at identifying and writing equations for sequences and series. Students will use sequences and series to explore and connect financial situations. Students will apply and synthesize their mathematical knowledge to solve relevant problems.

## **ALGEBRA II HONORS**

**Grade: 9, 10, 11**

**Credit: 0.5 per semester - *year long***

**Fee: approximately \$4 - Online Program (IXL)**

**Prerequisite: B or better grade in Geometry–Honors**

**Required: Graphing calculator, any TI-84 version highly recommended**

This course is a more formal approach to Algebra II. It is enriched with in-depth problem solving and additional topics.

## **TRIGONOMETRY**

**Grade: 11, 12**

**Credit: 0.5**

**Prerequisite: C or better grade in Algebra II**

**Required: Graphing calculator, any TI-84 version highly recommended**

The student will study in-depth the trigonometric functions, their properties and applications including sinusoidal functions, vectors and parametric equations. Integration of graphing calculator technology aids the student in exploring concepts and solving real-world problems.

## TRIGONOMETRY – Honors

**Grade: 10, 11, 12**

**Credit: 0.5**

**Prerequisite: B or better grade in Algebra II — Honors**

**Required: Graphing calculator, any TI-84 version highly recommended**

This course includes all topics studied in Trigonometry plus additional topics with greater emphasis placed on the various aspects of each concept and their applications.

**Note:** For classes that require a graphing calculator, we highly recommend one in the TI series: TI-83 Plus, TI-84, or TI-84 Plus.

## PRE-CALCULUS

**Grade: 11, 12**

**Credit: 0.5**

**Prerequisite: C or better grade in Trigonometry**

**Required: Graphing calculator, any TI-84 version highly recommended**

The student explores concepts prerequisite to calculus including the analysis of graphs of functions, limits of functions, asymptotic and unbounded behavior, continuity, the rate of change of functions, and mathematical modeling. Also included are application problems involving polynomial, exponential, logarithmic and other functions. Integration of graphing calculator technology aids the student in exploring concepts and solving real-world problems.

## PRE-CALCULUS – Honors

**Grade: 10, 11, 12**

**Credit: 0.5**

**Fee: \$15 text**

**Prerequisite: B or better grade in Honors Trigonometry**

**Required: Graphing calculator, any TI-84 version highly recommended**

Honors Calculus is a preparatory course for AP Calculus BC and includes all topics studied in Pre-Calculus plus additional topics with greater emphasis placed on the various aspects of each concept and on applications.

## PROBABILITY AND STATISTICS

**Grade: 12**

**Credit: 0.5 per semester - *year long***

**2**

**Fee: approximately \$4 - Online Program (IXL)**

**Prerequisite: Completion of or concurrent enrollment in Algebra II**

**Required: Graphing calculator, any TI-84 version highly recommended**

Concepts of probability and statistics are formalized in this course. All students are encouraged to take this course. It is intended to help improve one's ability to interpret data beyond the casual level. Concepts will begin with simple descriptive tactics and go through investigating the characteristics of "normal" data. Hypotheses testing will be explored and binomial and chi square distributions will be investigated. Confidence intervals will be determined and students will learn how a sample can be taken from an entire population and accurate inferences are made about that population.

## CALCULUS

**Grade: 11, 12**

**Credit: 0.5 per semester - *year long***

**Required: Graphing calculator, any TI-84 version highly recommended**

This course provides the opportunity for students to study calculus concepts and strengthen their mathematical background before enrolling in a college calculus course. Topics include functions, limits, continuity, differentiation of algebraic and transcendental functions, applications of the derivative, techniques of integration and applications of integration.

## AP CALCULUS AB

**Grade: 11, 12**

**Credit: 0.5 per semester - *year long***

**Fee: Text and AP Exam**

**Prerequisite: C or better grade in Pre-Calculus Honors or A in Pre-Calculus**

**Required: TI-84 Plus or other calculator approved by The College Board**

This challenging and demanding course consists of work that is comparable to calculus courses in colleges and universities. Students entering this course are expected to have both a strong mathematical background and to have mastered appropriate trigonometry and precalculus material. The curriculum is defined by the College Board. Students enrolled are committing to a full year course and will be required to take the AP exam in May.

## AP CALCULUS BC

Grade: 11, 12

Credit: 0.5 per semester - *year long*

Fee: Text and AP Exam

Prerequisite: B or better grade in both Honors Trigonometry and Honors Calculus.

Required: TI-84 Plus or other calculator approved by The College Board

This challenging course consists of work that is comparable to calculus courses in colleges and universities. Students entering this course are expected to have both a strong mathematical background and to have mastered appropriate trigonometry and precalculus material. This course includes all topics covered in Calculus AB plus additional topics. Students enrolled are committing to a full year course and will be required to take the AP exam in May.

## AP STATISTICS

Grade: 11, 12

Credit: 0.5 per semester - *year long*

Fee: Text and AP Exam

Prerequisite: B or better grade in Algebra II. No previous Probability and Statistics courses are required.

Required: TI-84 Plus or other calculator approved by The College Board. Students are also required to purchase their own textbook.

Advanced Placement Statistics is equivalent to a one-semester course at the university level. Topics will include methods of data collection, planning and conducting surveys, probability, simulation, statistical inference, confidence intervals, and tests of significance. Students enrolled are committing to a full year course and will be required to take the AP exam in May.

## CE/MAT 135 INTRODUCTION TO STATISTICS

Grade: 11, 12

Credit: 0.5 - *semester long*

Introduces descriptive and inferential statistics, with an emphasis on critical thinking and statistical literacy. Topics include methods of data collection, presentation and summarization, introduction to probability concepts and distributions, and statistical inference of one and two populations. This course uses real world data to illustrate applications of a practical nature. This is a statewide Guaranteed Transfer course in the GT-MA1 category.

[HHS Mathematics Department Link](#)

## PHYSICAL EDUCATION COURSE OFFERINGS

Course Title	Credit					Prerequisite
		9th	10th	11th	12th	
Cardio Combo	0.25	X	X	X	X	None
Health	0.25	X	X	X	X	Required for graduation
Innovative Fitness	0.25	X	X	X	X	None
Recreational Games	0.25	X	X	X	X	None
Rock Climbing	0.25		X	X	X	None
Social Dance	0.25	X	X	X	X	None
Spinning	0.25	X	X	X	X	None
Sports Medicine	0.25		X	X	X	Teacher interview, Health and Biology highly recommended with B or better
Swimming	0.25	X	X	X	X	Required for graduation
Advanced Swimming	0.25	X	X	X	X	Swimming experience; must know front crawl, back crawl, and breaststroke <i>-fulfills graduation requirements</i>
Team Sports	0.25	X	X	X	X	None
Weight Training	0.25	X	X	X	X	None
Yoga	0.25	X	X	X	X	None

- Freshmen are encouraged to take one physical education course each semester.
- It is recommended that students do not take more than one physical education activity course in any given quarter. Health and Sports Medicine classes are not considered activity courses.

# PHYSICAL EDUCATION COURSES

## CARDIO COMBO

Grade: 9-12

Credit: 0.25

This course will emphasize physical fitness through various cardiovascular, strength and flexibility activities. Students will gain an understanding of how to attain and maintain lifelong fitness through a combination of aerobic activities. Activities may include kickboxing, yoga, mat pilates, circuit training with stability balls, jump ropes, hand held weights, high intensity interval training, resistance bands, body weight exercises, etc. Students may take one cardio combo class per semester for three semesters. *Course content is based on the comprehensive Health and Physical Education Colorado State Standards which include understanding and execution of movement competence; mastery of physical, personal, emotional and social wellness; as well as prevention and risk management.*

## HEALTH

Grade: 9-12

Credit: 0.25

**\*Required for graduation**

This co-ed course will include topics that relate to contemporary health issues. These subject areas are nutrition and fitness (components, benefits, types of exercise, programs, diet and nutrition), mental health (stress, suicide, emotions, coping skills), drugs and alcohol, tobacco and cancer, human sexuality (personal relationships, sexually transmitted infections, AIDS, human reproductive systems, pregnancy, birth, and contraception) and first aid with cardiopulmonary resuscitation. Emphasis is placed on responsible decision-making and awareness education regarding personal health issues. *Course content is based on the comprehensive Health and Physical Education Colorado State Standards which include understanding and demonstrating competency in physical, personal, emotional and social wellness as well as prevention and risk management.*

## INNOVATIVE FITNESS

Grade: 9-12

Credit: 0.25

This course is designed as an interactive class combining general education students acting as student mentors with special needs students. Activities will be modified to meet the needs of all students with emphasis on recreational games and lifetime sports. *Course content is based on the comprehensive Health and Physical Education Colorado State Standards which include understanding and execution of movement competence; mastery of physical, personal, emotional and social wellness; as well as prevention and risk management.*

## ROCK CLIMBING

Grade: 10-12

Credit: 0.25

This course will introduce the basic elements of rock climbing with the emphasis on indoor artificial wall experience. It provides an opportunity for students to develop basic climbing skills in a controlled, safety conscious environment. The major emphasis will be on the skill-related fitness components of balance, coordination, and agility as well as health related fitness components of muscular strength and endurance. *Course content is based on the comprehensive Health and Physical Education Colorado State Standards which include understanding and execution of movement competence; mastery of physical, personal, emotional and social wellness; as well as prevention and risk management.*

## RECREATIONAL GAMES

Grade: 9-12

Credit: 0.25

This course emphasizes the importance of physical activity through the use of lifetime activities. Students will learn the skills of recreational games in drills, lead-up activities and competitions. Students will also demonstrate their knowledge of the specific rules, terminology, scoring procedures, strategies, etiquette, proper use of the equipment and sportsmanship involved with these activities. Recreational games will include golf, pickleball, handball and other activities as equipment permits. *Course content is based on the comprehensive Health and Physical Education Colorado State Standards which include understanding and execution of movement competence; mastery of physical, personal, emotional and social wellness; as well as prevention and risk management.*

## SOCIAL DANCE

Grade: 9-12

Credit: 0.25

This course will include folk dances from many countries and the basics of square dancing. Ballroom dancing will include waltz, swing dance, line dances, square dancing, and hip hop dancing. The fitness components of cardiovascular endurance, coordination and agility will be emphasized. *Course content is based on the comprehensive Health and Physical Education Colorado State Standards which include understanding and execution of movement competence; mastery of physical, personal, emotional and social wellness; as well as prevention and risk management.*

## SPINNING

Grade: 9-12

Credit: 0.25

This course will introduce students to indoor cycling through the use of spinning bikes. Spinning will provide students with the opportunity to improve cardiovascular endurance, muscular endurance and muscular strength through the use of spinning bikes. Target heart rate zones will be calculated and the use of heart rate monitors will be incorporated into the workouts. Bike set up, spinning techniques and program design will be emphasized. *Course content is based on the comprehensive Health and Physical Education Colorado State Standards which include understanding and execution of movement competence; mastery of physical, personal, emotional and social wellness; as well as prevention and risk management.*

## SPORTS MEDICINE

Grade: 10-12

Credit: 0.25

**Prerequisite: Teacher Interview, Health and Biology highly recommended**

**Fee: \$5**

This course is designed to provide the student lab training in the field of Sports Medicine. It will include studies in the areas of first aid, injury prevention, treatment and rehabilitation of injured athletes. Career opportunities and planning are discussed. Considerations in facility and budgeting are also covered. This class is particularly good for students interested in coaching and/or medical careers. Course includes lab hours after school. *Course content is based on the comprehensive Health and Physical Education Colorado State Standards which include understanding and execution of movement competence; mastery of physical, personal, emotional and social wellness; as well as prevention and risk management.*

## SWIMMING - Required for Graduation

A one piece swimsuit is required for all swimming classes and goggles are highly recommended. The [swim waiver test](#) will be offered one per semester. Students must satisfactorily demonstrate skills in the areas of personal survival, stroke proficiency, and endurance. Information in regard to the swim waiver test requirements may be found on the Heritage Website (Academics/Physical Education). Passing the test waives the swimming graduation requirement but does not decrease the number of hours required in physical education. **Students must complete their swimming requirement or successfully pass the Swim Waiver Test before the end of their junior year, or be required to enroll in and successfully complete a swimming class during their senior year. A scuba certificate does not fulfill the swim requirement.**

## SWIMMING

Grade: 9-12

Credit: 0.25

**Optional Fee: \$6 for goggles**

Swimming and water safety skills will be introduced as well as an orientation program in survival swimming. Swimming skills include rhythmic breathing, finning and sculling, surface dives, elementary diving, front crawl, back crawl, breaststroke, elementary backstroke, and sidestroke. Survival skills include treading, survival float, clothes flotation, and basic assists. *Course content is based on the comprehensive Health and Physical Education Colorado State Standards which include understanding and execution of movement competence; mastery of physical, personal, emotional and social wellness; as well as prevention and risk management.*

## ADVANCED SWIMMING

Grade: 9-12

Credit: 0.25

**Prerequisite: Previous youth swimming lessons or swim team experience. Students must know the following strokes: front crawl, back crawl and breaststroke.**

This course will train the student to be highly skilled in all areas of swimming. The development of skills as well as endurance training is emphasized. Strokes include front and back crawl, elementary backstroke, breaststroke, sidestroke, overarm sidestroke, and butterfly. Beginning life-saving skills will also be introduced such as treading water, survival float, clothes flotation, diving technique, basic assists and approach strokes, etc. *Course content is based on the comprehensive Health and Physical Education Colorado State*

*Standards which include understanding and execution of movement competence; mastery of physical, personal, emotional and social wellness; as well as prevention and risk management.*

## **TEAM SPORTS**

**Grade: 9-12**

**Credit: 0.25**

This activity class introduces skills, technique, and game strategy of various team sports. Drills, with an emphasis on individual skill development, will be taught along with group and team strategies. *Course content is based on the comprehensive Health and Physical Education Colorado State Standards which include understanding and execution of movement competence; mastery of physical, personal, emotional and social wellness; as well as prevention and risk management.*

## **WEIGHT TRAINING**

**Grade: 9-12**

**Credit: 0.25**

This course provides individualized fitness instruction using weights as the primary tool. The student will learn proper techniques, general muscle groups, safety procedures and adaptability for use in later life. Students will receive instruction and become proficient in dynamic warm-up techniques using free weights, resistance training, and plyometrics. Students may take weight training an unlimited number of times. *Course content is based on the comprehensive Health and Physical Education Colorado State Standards which include understanding and execution of movement competence; mastery of physical, personal, emotional and social wellness; as well as prevention and risk management.*

APT Weight Training classes are offered by invitation only. The nomination to attend this class will come from your Varsity coach. The class is based on a college model and the emphasis is on intensified strength, power and mobility training.

## **YOGA**

**Grade: 9-12**

**Credit: 0.25**

Yoga is a popular form of exercise in the fitness world. Incorporating yoga into regular physical activity will increase flexibility, improve muscular strength and endurance, as well as improve balance and coordination. Yoga is a combination of relaxation, breathing techniques and exercise which combats stress, helps circulation and improves the range of motion of the joints. Yoga helps relieve stress and promotes a healthy lifestyle. This class will include, but is not limited to different types of yoga including vinyasa and restorative yoga, guided meditation/mindfulness practice, and mat pilates. *Course content is based on the comprehensive Health and Physical Education Colorado State Standards which include understanding and execution of movement competence; mastery of physical, personal, emotional and social wellness; as well as prevention and risk management.*

[HHS Physical Education Department Link](#)

## PRACTICAL ARTS COURSE OFFERINGS

Course Title	Credit					Prerequisite
		9th	10th	11th	12th	
Accounting Principles 1 (Formerly Accounting I)	0.5	X	X	X	X	None
Accounting Principles 2 (Formerly Accounting II)	0.5		X	X	X	Accounting I
AP Computer Science A - <i>year long</i>	.5/.5			X	X	C or better in Algebra II
AP Computer Sci Principles - <i>year long</i>	.5/.5	X	X	X	X	Algebra I, recommended B or better
Legal Environment of Business (Formerly Business Law)	0.25		X	X	X	None
Business Marketing Essentials (Formerly Business/Marketing Principles)	0.25	X	X	X	X	None
Intro to PC Application (Formerly Business Technology)	0.25	X	X	X	X	None
Construction Technology A	0.25	X	X	X	X	None
Construction Technology B (Formerly Adv Construction Tech)	0.25		X	X	X	Construction Tech and Instructor Approval
Career Connections - <i>year long</i>		X	X			Counselor Recommendation
ACE CTE Career Dev II Job Seek (Formerly Career Success)	0.25			X	X	Counselor Recommendation
Child & Adolescent Development (Formerly Child Development)	0.25	X	X	X	X	None
CE Introduction to Business	0.5			X	X	Accuplacer or ACT
CE Intro to Entrepreneurship	0.5			X	X	Introduction to Business
CE International Business	0.5			X	X	Accuplacer or ACT
CE Personal Finance	0.5			X	X	Accuplacer or ACT
Work Based Learning-WBL Bus (Formerly Community Employ Experience CEE/ OJT)	varies			X	X	None
Culinary Essentials I and II	0.25	X	X	X	X	None
Intro to Engineering Design (Formerly Design Projects)	0.25	X	X	X	X	None
Principles of Eng & Tech A (Formerly Engineering & Technology)	0.25	X	X	X	X	None
Entrepreneurship- <i>year long</i>	.5/.5			X		Business class and/or Instructor Approval
Game Design	0.25	X	X	X	X	None
Interior Design I or II	0.25	X	X	X	X	None
International Business	0.25	X	X	X	X	None
Computer Sci Foundations A (Intro to Computer Science)	0.5	X	X	X	X	Algebra I
Marketing	0.5	X	X	X	X	Concurrent enrollment in Retail Lab and DECA

Strategic Marketing A (Formerly Advanced Marketing)	0.5			X	X	Marketing; Concurrent Enrollment in Retail Lab and participation in DECA
Manufacturing Technology I A	0.25	X	X	X	X	None
Event Marketing/Comm (Formerly Sports/Entertainment Marketing)	0.5		X	X	X	None
Property Maintenance & Repair (Formerly Residential Home Maintenance)	0.25	X	X	X	X	None
School-based Enterprise-Retail (Formerly DECA Store -Retail Lab)	0.5	X	X	X	X	Concurrent enrollment in a Marketing class
Personal Finance	0.25		X	X	X	None
ACE CTE Career Dev III-Job Keep (Formerly Prof Employ Train-PET)	0.25		X	X	X	None
Video Production I	0.25	X	X	X	X	None
Video Production II	0.5	X	X	X	X	Video Production I
Web Design Foundations (Formerly Web Page Design)	0.25	X	X	X	X	None

## PRACTICAL ARTS COURSES

### ACCOUNTING PRINCIPLES 1 (Formerly Accounting I)

**Grade: 9-12**

**Credit: 0.5**

Whatever career you are considering – musician, athlete, CPA, or entrepreneur, you will need accounting skills for success in the real world. Accounting is the language of business and will be required for anyone majoring in business. This course teaches students how to manage money in the business world primarily dealing with sole proprietorship and partnerships. Students learn to apply the internationally recognized Generally Accepted Accounting Principles (GAAP) while learning how to record, summarize, and interpret business financial transactions and statements. Students will also participate in the Stock Market Game which will give them the chance to invest a hypothetical \$100,000 in an online portfolio over a period of time, and compete with other schools throughout Colorado. Students are also given the opportunity to become “auditors” as they evaluate businesses in real Accounting situations.

### ACCOUNTING PRINCIPLES 2 (Formerly Accounting II)

**Grade: 10, 11, 12**

**Credit: 0.5**

**Prerequisite: Successful completion of Accounting Principles I**

Accounting II is an advanced course designed for students with a determined career objective in the business field. Students will learn the accounting procedures for specialized situations including uncollectible accounts receivable, notes, inventories, and depreciation as they relate to both partnerships and corporations. Student knowledge will be applied to simulated projects—both manually and on the computer.

### AP COMPUTER SCIENCE A

**Grade: 11, 12**

**Credit: 0.5 per semester - year long**

**Fee: Text and AP Exam, \$10 materials**

**Prerequisite: Completion of Algebra II**

AP Computer Science is both a college-prep course for potential computer science majors and a foundation course for students planning to study in other technical fields such as engineering, physics, chemistry, and geology. The course emphasizes programming methodology, procedural abstraction, and in-depth study of algorithms, data structures, and data abstractions, as well as a detailed examination of a large case study program. This class is equivalent to the first semester of a college computer science class. Students completing this course are required to take the Computer Science-A Advanced Placement examination in May.

## AP COMPUTER SCIENCE PRINCIPLES

Grade: 9- 12

Credit: 0.5 per semester - *year long*

Fee: Text and AP Exam

Prerequisite: Algebra I, recommended B or better

Have you ever wondered how the internet was invented or how it works or why there are jpgs, gifs and pngs and the differences between them? All of the technology that surrounds us today has been built upon a few very simple principles that when combined and recombined can carry tremendous power and risk. Throughout this course you will be amazed by the technology around you as you gain insight into how and why it works. Computing innovation is far from over, and in the class you will get to try your hand at creating your own artifacts all from the very foundational principles that have made it all possible. The course begins with an examination of how the fundamental unit of digital data - the bit - is actually physically transported over vast distances. From that foundation as the course progresses students learn how to program and build their own web applications in javascript that demonstrate the ideas and science behind the world of technological innovation.

## LEGAL ENVIRONMENT OF BUSINESS (Formerly Business Law)

Grade: 10, 11, 12

Credit: 0.25

Business law encompasses the governing contracts, sales, agency and employment law, business organizations and property. Business law may include issues such as starting, selling, or buying a small business, managing a business, dealing with employees, or dealing with contracts, among others.

## BUSINESS MARKETING ESSENTIALS (Formerly Business/Marketing Principles)

Grade: 9- 12

Credit: 0.25

Explore the world of business! This course will serve as background for other business courses you may take in high school or in college. You will develop an understanding of how business affects your everyday life and the world around you. Students will have the opportunity to explore different aspects of business including types of business, marketing, entrepreneurship, business ethics, investments and stocks, and much more. Students will participate in various class projects including creating a business and writing a business plan, simulating a marketplace, and buying stocks. Students will work on their ICAP (Individualized Career Action Plan). This state mandated plan will help students map out their high school courses, research careers related to their interests, explore which colleges offer majors they are interested in and research different job opportunities. If your interest is Business- then this class is for you! **Recommended course for students interested in pursuing pathway at [Career Exploration Center](#) opening Fall 2023.**

## INTRO TO PC APPLICATIONS (Formerly Business Technology)

Grade: 9-12

Credit: 0.25

You can text but that's not the language used in the workplace. Do you know what classes in high school can help you be successful in college and beyond? Do you have any idea what your career path will look like? In this course you will focus on achieving computer literacy to be successful in your other high school courses, in college, and in your everyday life. You will be improving your ability to communicate, analyze information and make decisions using technology. You will be focusing on these four essential areas throughout this course:

1. Communication: Students will be able to communicate their message effectively to the intended audience using business technology, while creating business letters.
2. Software: Students will problem solve within given software programs and utilize the appropriate tools to complete projects using Microsoft Publisher and PowerPoint.
3. Web Literacy: Students will research and identify web tools that will enable them to effectively communicate and constantly adapt.
4. Keyboarding: Students will master touch typing to become efficient in completing academic coursework and accomplishing tasks in the workplace.

**Recommended course for students interested in pursuing pathway at [Career Exploration Center](#) opening Fall 2023.**

## CAREER CONNECTIONS

Grade: 9, 10

Credit: 0.25

Prerequisite: Must be referred by counselor

Students are introduced to future employment possibilities through a variety of community experiences. These consist of guest speakers and/or site visitations representing six career pathways. Assessment tools identifying interests, preferences and talents are completed in order to align exploration opportunities with future career choices. Effective decision-making and goal setting skills, informational interview skills, job applications and resume writing are addressed as part of the corresponding classroom instruction.

The combined school/community components allow learners to explore future options through informed experiential practice.

### **ACE CTE CAREER DEVELOPMENT II JOB SEEK (Formerly Career Success)**

**Grade: 11, 12**

**Credit: 0.25**

This course is designed to help students acquire skills required for career success. It includes self-assessment, career research, and post-secondary education and training options. Students will explore employment issues such as the application process, job interviews, job retention, the resignation process, and business ethics. Other units will focus on developing an awareness of economic structure, practicing financial management skills, meeting adult responsibilities, and understanding the relationship between education and employability. Additional credit is available for practical application of course content through internships or employment. If a student is concurrently enrolled in Community Employment Experience with this class, the student must pass both to earn credit.

### **CHILD & ADOLESCENT DEVELOPMENT (Formerly Child Development)**

**Grade: 9-12**

**Credit: 0.25**

This course will explore theories of human development, history of parenting styles and responsibilities; advantages of family planning, identify and prevent child abuse/neglect; and career opportunities. Students participate in the Baby-Think-It-Over simulation. *This course aligns with the Colorado academic standards for reading, writing and communication 2 and 3, and national industry standards.*

### **WORK BASED LEARNING-WBL BUS (Formerly Community Employment Experience-OJT)**

**Grade: 11, 12**

**Credit: 0.25 - 1.0**

Do you have a job outside of school? Did you know that you could earn up to 20 graduation credits by working at your job? Community Employment Training is an opportunity for students to receive graduation credit for paid/unpaid work experience in the community. (20 hours per week maximum accepted)

**Course Requirements:**

1. The student must complete a training agreement, training plan, and verification of hours worked to meet specific outcomes. The required paperwork must be turned in within 2 weeks of start date or the student will be dropped from the class.
2. Students may participate in a volunteer position as long as it is monitored by a supervisor.

### **CONSTRUCTION TECHNOLOGY A (Formerly Construction Technology)**

**Grade: 9-12**

**Credit: 0.25**

**Fee: \$30**

This class is designed to give students an opportunity to use woodworking machines and tools to produce a product. Such machines are the table saw, radial arm saw, jointer, surface sander, band saw, lathe, and laser engraver. The project fee covers expendable items and safety glasses. Students will select from a variety of projects to construct. Students must pay for the cost of materials to construct their project. *This course meets the Colorado State Standards of critical thinking, informational literacy, and reasoning skills for success in a postsecondary and workforce setting. Recommended course for students interested in pursuing pathway at [Career Exploration Center](#) opening Fall 2023.*

\*\*\*Can be combined with Geometry as a 5-day/week year-long block in an alternative approach to learning Geometry. The course will be ordered around the naturally occurring steps in the designing and building of a home. \$30 Construction Tech fee will be applied to both semesters. For more information, please contact the counseling office.

### **CONSTRUCTION TECHNOLOGY B (Formerly Advanced Construction Technology)**

**Grade: 10, 11, 12**

**Credit: 0.25**

**Fee: \$30**

**Prerequisite: Construction Technology and Instructor approval**

The advanced woods class is for students who want to spend more time on the construction of a fine woodworking project. Students can choose the project of their choice with instructor approval. Projects may include furniture, cabinets, and decorative pieces. Students must pay for the cost of materials to construct their project. *This course meets the Colorado State Standards of critical thinking, informational literacy, and reasoning skills for success in a postsecondary and workforce setting.*

## CULINARY ESSENTIALS I

Grade: 9-12

Credit: 0.25

Fee: \$35

Course work in Culinary Essentials I provides an introduction to culinary arts. Classroom instruction, demonstrations, and lab time focus on safety and sanitation, knife skills, nutrition, standardized recipes, culinary measurement, and diverse cooking techniques. Semester activities include a research project exploring international cuisine in which students choose countries from around the world, and provide recipes demonstrating a variety of international dishes. *Culinary I aligns with Colorado academic math standards 2 and 4, reading, writing and communication standards 3 and 4, and national industry standards.*

## CULINARY ESSENTIALS II

**\*Graduation Competency Opportunity**

Grade: 9-12

Credit: 0.25

Fee: \$35

Prerequisite: Culinary I

Course work in Culinary Essentials II includes an exploration of different food groups and preparation methods for fruits and vegetables, poultry, pork, beef and seafood. In addition, this course includes an in-depth experience in bakery and confections. *Culinary II aligns with Colorado academic math standards 2 and 4, reading, writing and communication standards 3 and 4, and national industry standards.* **This course offers a Capstone opportunity for students to demonstrate competency in both English and math according to the LPS District Capstone Rubric.**

## INTRODUCTION TO ENGINEERING DESIGN A (Formerly Design Projects )

Grade: 9 -12

Credit: 0.25

Fee: \$30

This class will design and build projects each semester. Projects may include bridges, CO<sub>2</sub> race cars, powered gliders, mousetrap race cars, aero racers, towers, one-meter rockets, and more. Each semester class builds a different set of projects. Students will learn and apply math, science, and engineering principles to their designs. *This course meets the Colorado State Standards of critical thinking, informational literacy, and reasoning skills for success in a postsecondary and workforce setting.* **Recommended course for students interested in pursuing pathway at [Career Exploration Center](#) opening Fall 2023.**

## PRINCIPLES OF ENGINEERING & TECHNOLOGY A (Formerly Engineering & Technology)

Grade: 9-12

Credit: 0.25

Fee: \$25

In this class the student may choose their topic of choice. Topics include:

- Computer Aided Design (CAD) - Design mechanical parts and create them on a rapid-prototyping machine.
- Architecture—Design single family homes, commercial buildings and construct architectural models.
- Communications—Design and edit digital audio and video clip, or create computer animations.
- Laser/Electronics—Operate Lasers, Fiber Optics, and Electronic devices.
- Manufacturing—Design and manufacture mechanical parts using Computer Numerically Controlled Lathes and Mills.
- Promotional Graphics—Design promotional products using a graphic design software. A laser engraver may be used to create a student designed product.
- Robotics—Program robots, automated devices, and Computer Integrated Manufacturing (CIM) cells.

Math, Science design and engineering principles are emphasized where appropriate in each module. This class may be taken up to eight semesters for credit. *This course meets the Colorado State Standards of critical thinking, informational literacy, and reasoning skills for success in a postsecondary and workforce setting.* **Recommended course for students interested in pursuing pathway at [Career Exploration Center](#) opening Fall 2023.**

## INTRO TO ENTREPRENEURSHIP/ENTREPRENEURSHIP

**\*Graduation Competency Opportunity**

Grade: 11

Credit: 0.5 per semester - *year long*

Prerequisite: Previous business class completion and/or Instructor Approval

Requisite: Students **MUST** register for both Intro to Entrepreneurship AND Entrepreneurship

This course is designed for budding entrepreneurs to get the opportunity to showcase their creativity and bring their dreams to fruition. In Entrepreneurship, students will discover and further develop their entrepreneurial style and skills. Students will have the opportunity to create and fully develop their own product or service. Students will work with real-world entrepreneurs and business experts who will serve as coaches and mentors, guiding student teams through the process of ideation, market research, and

business plan development. Over the course of the year, student teams will:

- experience the excitement of developing their own company and build a REAL business; not simply participate in simulated business experiences.
- learn about marketing, accounting, human resources, as well as the legal aspects of running a business.
- discover how to bring their product or service idea to market in preparation for Pitch Week.
- pitch their innovative idea to potential investors, possibly earning funding to turn their business plans into reality during the summer and the following school year.

**This year-long course offers a Capstone opportunity for students to demonstrate competency in both English and math according to the LPS District Capstone Rubric.**

## GAME DESIGN

Grade: 9-12

Credit: 0.25

This quarter-long course introduces students to the art of applying game design, aesthetics and game design concepts, with an emphasis on the basic tools of game design. Students will use game development kits for design development, paper and digital prototypes, and user testing. The audience for this course includes current and aspiring game designers and anyone interested in delving into the game creation processes. *This course meets the Colorado State Standards of critical thinking, informational literacy, and reasoning skills for success in a postsecondary and workforce setting.* **Recommended course for students interested in pursuing pathway at [Career Exploration Center](#) opening Fall 2023.**

## INTERIOR DESIGN I OR II

Grade: 9- 12

Credit: 0.25

Fee: \$10

**Prerequisite: None for Interior Design I, completion of Interior Design I is a prerequisite for Interior Design II**

Coursework in Interior Design I provides information related to housing needs and styles, elements and principles of design, furniture styles, and development of floor plans. Students are introduced to Computer Aided Design (CAD) software such as Google SketchUp and SmartDraw. Interior Design II (semester 2) includes commercial design trends, psychological effects of color, scale, designing with a purpose, furniture in the workplace. *Interior I and II align with Colorado academic standards for math standard 4, and reading, writing and communication standards 1 and 2, and national industry standards.*

## INTERNATIONAL BUSINESS

**\*Graduation Competency Opportunity**

Grade: 9- 12

Credit: 0.25

This course considers the objectives and strategies of international business in the context of global competition. It equips students with a comprehensive framework to formulate strategies in the global marketplace. This course emphasizes economic analysis of the forces driving international business. The course covers competitive advantage, competitive strategies, alternative modes of market entry, including imports and exports through intermediaries, contracting with suppliers and distributors, and foreign direct investment (FDI). Case studies are used throughout to illustrate the basic principles of multinational business management and strategy. **This course offers a Capstone opportunity for students to demonstrate competency in both English and math according to the LPS District Capstone Rubric.**

## COMPUTER SCIENCE FOUNDATIONS A (Formerly Introduction to Computer Science)

Grade: 9 - 12

Credit: 0.25

**Prerequisite: Algebra I**

This quarter long course will introduce students to the fundamentals of computer science. Students will learn how to use the Processing language to create images and basic animations using variables, conditionals, loops and more. Students will also learn the basics of the object oriented programming paradigm. Topics of study include variables, conditionals, loops, classes, functions, and arrays. The course will use project based assessments. *This course meets the Colorado State Standards of critical thinking, informational literacy, and reasoning skills for success in a postsecondary and workforce setting.* **Recommended course for students interested in pursuing pathway at [Career Exploration Center](#) opening Fall 2023.**

## MARKETING S1 &

## EVENT MARKETING/COMM B - S2 (Formerly Sports & Entertainment Marketing)

Grade: 9- 12

Credit: 0.5/per semester - year long

Fee: \$25 - if

competing in DECA

**Requisite: Students MUST register for both Marketing S1 AND Event Marketing & Communications S2**

### Semester 1: Business & Entrepreneurship Marketing Focus

This course is designed for students of varied interests in the fields of business and entrepreneurship. In this course students will learn the basics of marketing, economics of the consumer world, and an in depth discovery of the world of digital marketing. Diving into the exciting topic of promotion, students will learn about local non-profit organizations and create their own promotional campaign culminating with designing an idea for their own non-profit. Students will also participate in a class “Shark Tank” where they will try to convince potential investors on their business/product idea. *This course meets the Colorado State Standards of critical thinking, informational literacy, and reasoning skills for success in a postsecondary and workforce setting.*

### Semester 2: Sports, Entertainment and Event Marketing Focus

Are you curious about the fascinating world of entertainment and sports? Have you ever wondered what goes on behind the scenes of entertainment and sporting events? Well, this is your opportunity to learn about the exciting industry of Sports, Entertainment & Event Marketing. In this course students will learn about different types of entertainment, event and athletic businesses, develop a thorough understanding of the marketing concepts and theories that apply specifically to the sports and entertainment industries, work with the products and services that correspond to each, and develop the skills to price and promote such large-scale events like movie premieres, Super Bowls, concerts, and theatrical productions. An emphasis is placed on the role of branding, imaging and licensing. Students will apply the concepts learned in class and gain hands-on experience by planning and promoting a school event. *This course meets the Colorado State Standards of critical thinking, informational literacy, and reasoning skills for success in a postsecondary and workforce setting.*

Recommended course for students interested in pursuing a pathway at [Explorative Pathways for Innovative Careers](#) opening Fall 2023.

All students enrolled in *Marketing/Event Marketing & Communications* are also members of the student organization, DECA, an Association of Marketing Students. This co-curricular club provides you with the opportunity to connect classroom learning to the “real” world and students will have the opportunity to compete with other students on district, state and national levels. Students enrolled in Marketing are also required to enroll in Retail Lab (DECA School Store).

## **STRATEGIC MARKETING A (Formerly Advanced Marketing)**

Grade: 11, 12                      Credit: 0.5

Fee: \$25 - if competing in DECA

Prerequisite: Marketing

This course is an extension of the introductory course Marketing. Further mastery level study will be offered for the areas of Marketing. In addition, a strong presentation of Business Management Fundamentals, Free Enterprise Economics, and Entrepreneurship practices will be offered. The main focus of this coursework will be centered on actual real-life case challenges and hands-on application projects involving critical thinking. **All students enrolled in Advanced Marketing are also members of the student organization, DECA, an association of marketing students and students will have the opportunity to compete with other students on the district, state and national levels. This co-curricular club provides hands-on opportunities to connect learning to the “real world”.** Students enrolled in Advanced Marketing are also required to enroll in Retail Lab and will be given the opportunity to work as supervisors and managers of the store. *This course meets the Colorado State Standards of critical thinking, informational literacy, and reasoning skills for success in a postsecondary and workforce setting.*

## **MANUFACTURING TECHNOLOGY A (Formerly Manufacturing Technology)**

Grade: 9-12                      Credit: 0.25

Fee: \$50

Prerequisite: None

This is a one semester, project based course with an emphasis on the process of manufacturing a project or projects. Through classroom activities and practical shop experience, this course provides students with the technical and hands-on skills required to become marketable candidates for employment in various manufacturing technology industries such as metal fabrication and welding. The curriculum embraces a hands-on approach to learning and is designed to allow for group work as well as individualized attention. Whether you are an aspiring artist, mechanic, architect, or just curious about how plasma cutting works, this class will get you off and running! *This course meets the Colorado State Standards of critical thinking, informational literacy, and reasoning skills for success in a postsecondary and workforce setting.*

## **PERSONAL FINANCE**

Grade: 10, 11, 12                      Credit: 0.25

Are you constantly wondering where your money went and why you don't have enough? This one-semester course is a MUST before

you graduate and gain financial independence and is designed to help students develop the ability to make wise financial decisions by recognizing, understanding and comparing the alternatives facing them as consumers. Topics include goal setting, earning a paycheck, taxes, banking, using credit, identity theft, renting an apartment and buying a home, purchasing a car, choosing insurance, savings and investing, and planning for retirement. *This course meets the Colorado State Standards of critical thinking, information literacy, financial literacy, and reasoning skills for success in a postsecondary and workforce setting.*

### **ACE CTE CAREER DEVELOPMENT III-JOB KEEP (Formerly Professional Employment Training - PET)**

**Grade: 10, 11, 12**

**Credit: 0.25**

The purpose of this course is to provide all students with a connection between on-the-job-training or internship and the classroom. The course covers life skills, job seeking and retention skills, human relation skills, personal money management skills, business ethics, time management, and stress management. It is highly recommended that students take Professional Employment Training before entering Community Employment Experience. You must be enrolled in this course prior to a Community Employment Experience or concurrently enrolled during the experience. This class must be completed with a passing grade in order to receive credit for the Community Employment Experience. A student may take the course only once. *This course meets the Colorado State Standards of critical thinking, informational literacy, and reasoning skills for success in a postsecondary and workforce setting.*

### **PROPERTY MAINTENANCE & REPAIR (Formerly Residential Home Maintenance)**

**Grade: 9-12**

**Credit: 0.25**

**Fee: \$65**

This is a one semester course that introduces students to basic construction techniques and home improvements. This curriculum is hands-on and will include basic carpentry, framing, plumbing, electrical wiring, bathroom tile, various flooring applications, drywall installation, texturing, and repair, as well as various other residential maintenance skills. This course will provide students with an emphasis in the problem solving process and real-life applications which will pay high dividends in the future. *This course meets the Colorado State Standards of critical thinking, informational literacy, and reasoning skills for success in a postsecondary and workforce setting.*

### **SCHOOL-BASED ENTERPRISE-RETAIL (Formerly DECA Store-Retail Lab)**

**Grade: 9-12**

**Credit:**

**Note: Must be currently enrolled in either Marketing, Advanced Marketing or Sports Marketing**

Is there just no time in your day for a job? Do you want job experience? The school store, "the DECA Depot", is for you! Students will get hands-on work experience during the school day working in the school store. Students will learn inventory processing, cash register balancing, customer service, ordering, pricing, selling, promotion and visual merchandising. **This is a non-paid, in-school work experience that looks great on a resume.**

### **VIDEO PRODUCTION 1**

**Grade: 9 - 12**

**Credit: 0.25**

**Fee: TBD**

Movies, television, digital streaming, social media..... Video is everywhere and it continues to become more important in our society. In this fast-paced, nine-week course, students will learn the basic and advanced processes of TV and video production. Students will learn all aspects of video production including camera techniques, editing, directing, lighting, and sound utilizing industry-standard equipment and software. Students will build basic and advanced filming and editing skills while creating video projects including professional reports, commercials, documentaries, and short film productions. Students enrolled in this course are expected to complete work requiring a high degree of independence and responsibility. *This course meets the Colorado State Standards of critical thinking, informational literacy, and reasoning skills for success in a postsecondary and workforce setting.*

### **VIDEO PRODUCTION 2 - S1/S2**

**Grade: 9 - 12**

**Credit: 0.5 per semester**

**Prerequisite: Video Production 1 or teacher approval**

**Fee: TBD**

This course demands a high level of creative ability and rigorous analytical skills. The focus of the course is two-fold: 1) the intensive study of television and film production techniques and 2) the hands-on production of marketing videos through partnerships with local businesses and school administration along with producing short-films/field reports for the broadcasts. Students will refine their

lighting and audio design skills, learn to harness powerful manual settings of professional-style cameras, hone their shot compositions and develop their own unique video styles. Students will be responsible for learning in a variety of ways: the production of television broadcasts and segments and television segments or shows. Students will develop strong independent work ethics and collaboration skills, and will be equipped for entry-level positions in the rapidly expanding video industry. *This course meets the Colorado State Standards of critical thinking, informational literacy, and reasoning skills for success in a postsecondary and workforce setting.*

### **BROADCAST PRODUCTION - S1/S2 (formerly Video Production 3)**

**Grade: 10 - 12**

**Credit: 0.5 per semester**

**Prerequisite: Video Production 1 and/or 2 or teacher approval**

**Fee: TBD**

This advanced level of video production offers students who have a high interest in TV broadcast communication and Film Production to join the video journalism team that will contribute to weekly video productions "by students, for students!" Students will get hands-on experience directing, producing, writing, filming, editing and finalizing content rich television programs and short films that will be shown in the LPS and Heritage community. Students will build portfolios, gain independence, and further develop critical thinking skills while collaborating on weekly programs. Students will work in groups to create short film and broadcast segments using high-end technical equipment that will be used to film, edit, and export their show to viewing capabilities. *This course meets the Colorado State Standards of critical thinking, informational literacy, and reasoning skills for success in a postsecondary and workforce setting.*

### **WEB DESIGN FOUNDATIONS (Formerly Web Page Design)**

**Grade: 9-12**

**Credit: 0.25**

**Prerequisite: Introduction to Computer Science/Business Technology or instructor approval**

The course is designed for the student who wants to learn how to design/create dynamic, interactive web pages that contain a variety of media. The software that students will be focusing on is Adobe Dreamweaver CS4 and Adobe Photoshop CS4. Students will complete creative, goal oriented collaborations that will require skills acquired through the semester. Students will participate in various Dreamweaver and Photoshop projects. Projects include a personal website all about the student, creating Photoshop pictures from scratch, and creating a website for a business started by the student. *This course meets the Colorado State Standards of critical thinking, informational literacy, and reasoning skills for success in a postsecondary and workforce setting. Recommended course for students interested in pursuing a pathway at [Explorative Pathways for Innovative Careers](#) opening Fall 2023.*

### **CE/BUS 115 INTRODUCTION TO BUSINESS**

**Grade: 11, 12**

**Credit: 3 per semester with dual college credit through Arapahoe Community College (with a grade of C or higher) that is also one of the college Statewide Guaranteed Transfer courses.**

**Fee: Cost of textbook purchase from Arapahoe Community College bookstore each semester (textbooks can be sold back to Arapahoe Community College bookstore upon completion of the course or online)**

Introduces the application of fundamental business principles to local, national, and international forums. This course examines the relationship of economic systems, governance, regulations, and law upon business operations. It surveys the concepts of career development, business ownership, finance and accounting, economics, marketing, management, operations, human resources, regulations, and business ethics.

### **CE/ENP 105 INTRODUCTION TO ENTREPRENEURSHIP**

**Grade: 11, 12**

**Prerequisite: Concurrent Enrollment Introduction to Business**

**Credit: 3 per semester with dual college credit through Arapahoe Community College (with a grade of C or higher) that is also one of the college Statewide Guaranteed Transfer courses.**

**Fee: Cost of textbook purchase from Arapahoe Community College bookstore each semester (textbooks can be sold back to Arapahoe Community College bookstore upon completion of the course or online)**

The student will evaluate the business skills and commitment necessary to successfully operate an entrepreneurial venture and review the challenges and rewards of entrepreneurship. The student will understand the role of entrepreneurial businesses in the United States and the impact on our national and global economy. Students will use their business idea from Introduction to Business (first semester) and will design a comprehensive Business Plan to be presented to potential investors.

### **CE/BUS 203 INTERNATIONAL BUSINESS**

**Grade: 11, 12**

**Credit: 3 credit hours per semester with dual college credit through Arapahoe Community College (with a grade of C or higher) that is also one of the college Statewide Guaranteed Transfer courses.**

**Fee: Cost of textbook purchase from Arapahoe Community College bookstore each semester (textbooks can be sold back to Arapahoe Community College bookstore upon completion of the course)**

**Prerequisite: College Ready Intro to Business is recommended**

This course provides the student with an understanding of the interdisciplinary nature of international business. Course will cover the development of international business; international trade, financing mechanisms and export documentation, the effects of economics, political and cultural environment on international business, and developing an effective international marketing strategy.

## **CE/BUS 116 PERSONAL FINANCE**

**Grade: 11, 12**

**Credit: 3 credit hours per semester with dual college credit through Arapahoe Community College (with a grade of C or higher) that is also one of the college Statewide Guaranteed Transfer courses.**

**Fee: Cost of textbook purchase from Arapahoe Community College bookstore each semester (textbooks can be sold back to Arapahoe Community College bookstore upon completion of the course)**

Surveys the basic personal finance needs of most individuals and introduces the personal finance tools useful in planning and instituting a successful personal financial philosophy. The course emphasizes the basics of budgeting, buying, saving, borrowing, career planning, investing, retirement planning, estate planning, insurance, and income taxes.

[Business Education Link](#)  
[Family & Consumer Sciences Link](#)  
[Technology Education Link](#)

## SCIENCE COURSE OFFERINGS

SCIENCE COURSE OFFERINGS						
Course Title	Credit					Prerequisite
		9th	10th	11th	12th	
Earth Science - <i>year long</i>	1.0	X				None
Biology - <i>year long</i>	1.0	X	X	X	X	Incoming freshmen need to either: 1. Have completed Algebra 1 with a grade of A or B or 2. Have completed both their 8th grade science class and their 8th grade math class with a grade of A.
AP Biology - <i>year long</i>	1.0			X	X	A or B in Chemistry or concurrent enrollment in Chemistry
Chemistry - <i>year long</i>	1.0	X	X	X	X	All students need to either: 1. Have completed or be concurrently enrolled in Algebra II or 2. Have completed high school Biology with a grade of A and have completed Algebra 1 with a grade of A.
AP Chemistry - <i>year long</i>	1.0			X	X	A or B in Chemistry
Physics - <i>year long</i>	1.0			X	X	Trigonometry or concurrent enrollment in Trigonometry
AP Physics I - <i>year long</i>	1.0			X	X	Trigonometry or concurrent enrollment in Trigonometry
AP Physics C - <i>year long</i>	1.0			X	X	Any Calculus or concurrent enrollment in any Calculus
Energy For The Future - <i>year long</i>	1.0			X	X	None
AP Environmental Science - <i>year long</i>	1.0		X	X	X	A or B in Biology OR Chemistry
Environmental Science 1	0.5		X	X	X	None
Environmental Science 2	0.5		X	X	X	None - Environmental Science 1 is <b>not</b> required for this course
Astronomy	0.5	X	X	X	X	None

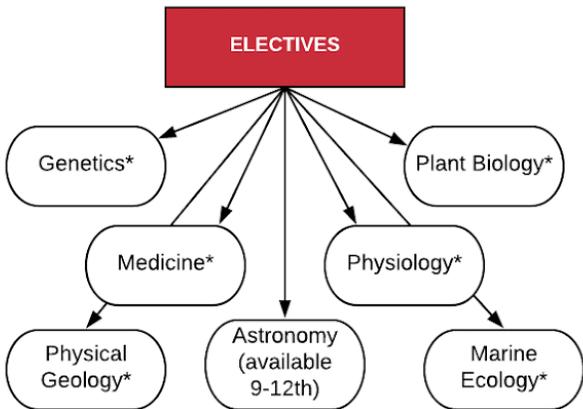
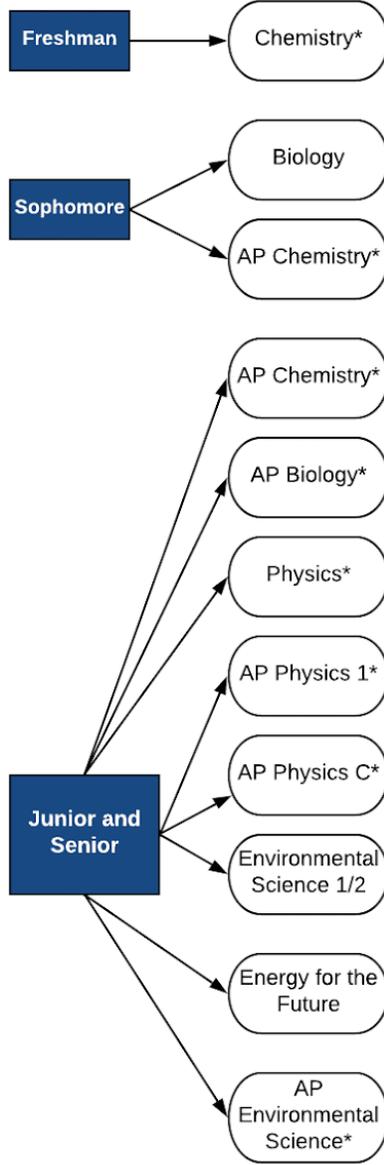
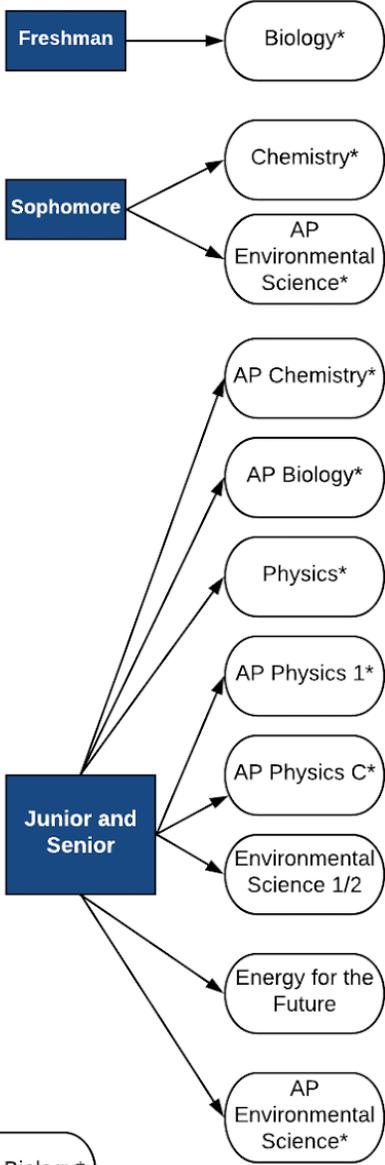
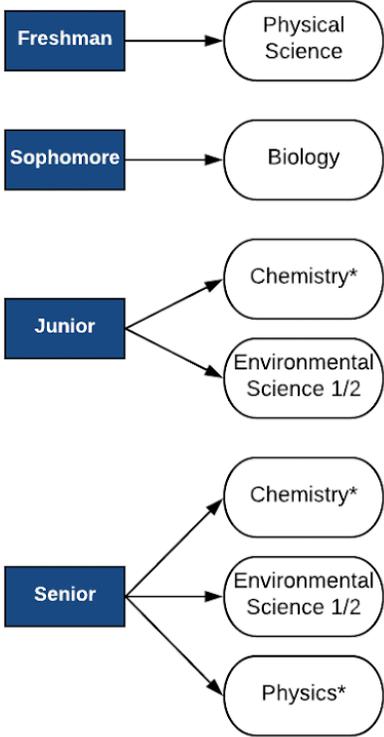
Genetics	0.5		X	X	X	Recommended C or better in Biology
Physical Geology	0.5		X	X	X	Recommended C or better in Biology
Physiology	0.5		X	X	X	Recommended C or better in Biology
Marine Ecology	0.5		X	X	X	Recommended C or better in Biology
Medicine	0.5				X	A or B in Chemistry or concurrent enrollment in Chemistry
Plant Biology	0.5		X	X	X	Recommended C or better in Biology

**SCIENCE PATHWAY 1**

**SCIENCE PATHWAY 2**

**SCIENCE PATHWAY 3**

\*NOTE: There are prerequisites for these courses.



# SCIENCE COURSES

## EARTH SCIENCE

**Grade: 9**

**Credit: 0.5 per semester - year long**

**Prerequisite: None**

This course emphasizes science process skills, data analysis, scientific inquiry, critical thinking, problem solving, and model building. The course also includes concept development, calculator skills, graphing, and mathematical applications and solutions. The chemistry unit includes the study of atomic structure and how atoms bond to form molecules with definite properties; properties of matter including the idea that matter has definite structure that determines its physical and chemical properties; and chemical reactions, compounds, solutions, and acids and bases. The physics unit includes the study of forces and types of motion including Newton's laws of motion and gravitation, and conservation laws. Finally, the earth/space science section includes studying water, the atmosphere, weather, renewable and nonrenewable resources, and ocean surface currents. It also includes the history of the universe as inferred from evidence left from past events, and as part of the solar system. Students will study the theory of plate tectonics, climate, natural hazards such as earthquakes, and the interaction of Earth's surface with water, air, gravity, and biological activity. Concepts developed in this class meet the Colorado State Science Standards as integrated above.

## BIOLOGY

**Grade: 9-12**

**Credit: 0.5 per semester- year long**

**Prerequisite: Incoming freshmen need to either:**

- 1. Have completed Algebra 1 with a grade of A or B or**
- 2. Have completed both their 8th grade science class and their 8th grade math class with a grade of A.**

Biology is an exciting and constantly-changing field of science. This course introduces students to biology and covers the Colorado State Science Standards. Main topics of study include: homeostasis, biomolecules and enzymes, protein synthesis, the cell cycle, cell energy, genetics, evolution, anatomy, ecology, and a survey of the diversity of life on Earth. Laboratory work plays an important role in this course and students will spend at least half of the class working on labs and activities. Animal dissections are a part of this course.

## AP BIOLOGY

**Grade: 11, 12**

**Credit: 0.5 per semester- year long**

**Fee: Text and AP Exam, \$10 materials**

**Prerequisite: A or B in Chemistry or concurrent enrollment in Chemistry**

This course is designed to be the equivalent of a one-semester general biology course usually taken during the first year of college and satisfies the requirements of an AP Biology course as outlined by the College Board. As an AP class, students should plan to spend up to an hour a night outside of class working on course content and need to be able to work independently outside the classroom. This may include reading one chapter from the textbook each week, completing labs, and preparing for tests both alone and as part of a study group. Concepts developed in this class meet the Colorado State Science Standards. In general, the course content is focused on cellular mechanisms and is built around four main concepts:

1. The process of evolution drives the diversity and unity of life,
2. Biological systems utilize free energy and molecular building blocks to grow, to reproduce, and to maintain dynamic homeostasis,
3. Living systems store, retrieve, transmit, and respond to information essential to life processes, and
4. Biological systems interact, and these systems and their interactions possess complex properties.

Students completing this course are required to take the Advanced Placement examination in May.

## CHEMISTRY

**Grade: 9-12**

**Credit: 0.5 per semester - year long**

**Fee: \$11.00**

**Prerequisite: All students need to either:**

- 1. Have completed or be concurrently enrolled in Algebra II or**
- 2. Have completed high school Biology with a grade of A and have completed Algebra 1 with a grade of A.**

This course emphasizes the broad concepts and models upon which modern chemistry rests. This course includes a variety of chemical bonds and molecule formation. Periodicity and matters' definite structures determine the physical and chemical properties of a particular atom. The mechanisms of chemical reactions which include the laws of conservation of mass and energy, and the variety of energy forms that exist and the concept that as they change form, some energy is lost as heat. This course also includes the

mole concept with practical applications made to our everyday chemical world. Laboratory work is an essential part of this class. Freshmen should only take this class if they are going to be following an honors/AP track in Science.

## AP CHEMISTRY

**Grade: 10, 11, 12**                      **Credit: 0.5 per semester - year long**

**Fee: Text and AP Exam, \$30 materials**

**Prerequisite: A or B in Chemistry**

The AP Chemistry course is designed to be the equivalent of a college freshman chemistry course. The following big ideas are included:

1. The chemical elements are fundamental building materials of matter, and all matter can be understood in terms of arrangements of atoms. These atoms retain their identity in chemical reactions,
2. Chemical and physical properties of materials can be explained by the structure and the arrangements of atoms, ions, or molecules and the forces between them,
3. Changes in matter involve the rearrangement and/or reorganization of atoms and/or the transfer of electrons,
4. Rates of chemical reactions are determined by the details of the molecular collisions,
5. The laws of thermodynamics describe the essential role of energy and explain and predict the direction of changes in matter
6. Any bond or intermolecular attraction that can be formed can be broken. These two processes are in a dynamic competition, sensitive to initial conditions and external perturbations.

The College Board stipulates that 25% of the class time be designated for laboratory work. Inquiry based learning will be emphasized during the laboratory experience. Students completing this course are required to take the Advanced Placement examination in May. Concepts developed in this class also meet the Colorado State Science Standards as integrated into Chemistry above.

## PHYSICS

**Grade: 11, 12**                      **Credit: 0.5 per semester - year long**

**Fee: \$10.50 (pending district approval)**

**Prerequisite: Completion of or concurrent enrollment in Trigonometry**

This course is an introduction to a quantitative study of the physical world. In the first semester, students will study motion, forces, energy and momentum. The second semester is a study of electricity, magnetism, sound and light. By studying these concepts students will learn that all objects and systems have properties such as mass and charge. Those systems may be changed through forces as described by Newton's laws of Motion, or through the concept of fields in recognizing the limitations to Newtonian mechanics. Additionally, all systems have energy and that energy can change forms. Students will also understand that all changes in the system and the system's energy are constrained by conservation laws.

## AP PHYSICS 1

**Grade: 11, 12**                      **Credit: 0.5 per semester - year long**

**Fee: Text and AP Exam, \$15 materials**

**Prerequisite: Completion of or concurrent enrollment in Trigonometry (Physics is not a prerequisite)**

This course is designed to be the equivalent of the first-semester college course in **algebra-based physics**. Advanced Placement Physics(1) provides instruction in Newtonian mechanics, (including rotational dynamics and angular momentum); work, energy, and power; mechanical waves and sound. It will also introduce electric circuits. This course provides a foundation in physics for students in the life sciences, pre-medicine and some applied sciences. Students planning a career in engineering or the physical sciences should consider taking AP Physics (C). Students completing this course are required to take the AP Physics 1 exam in May.

## AP PHYSICS C: MECHANICS (S1) & ELECTRICITY & MAGNETISM (S2)

**Grade: 11, 12**                      **Credit: 0.5 per semester- year long**

**Fee: Text and AP Exam, \$10 materials**

**Prerequisite: Completion of or concurrent enrollment in any Calculus (Physics is not a prerequisite)**

This course is designed to be the equivalent of the general physics course usually taken during the first year of college. The first semester of this course is devoted to mechanics. The use of calculus in problem solving and in derivations is expected to increase as the course progresses. The second semester's primary emphasis is on classical electricity and magnetism. Calculus is used freely in formulating principles and solving problems. The class is devoted to preparation for advanced placement in physics, enabling students to earn college credit from the advanced placement physics "C" examinations. Individual research, laboratory and computer work are integral parts of the course. Students completing this course are required to take both the Mechanics, and the Electricity and Magnetism Advanced Placement examinations in May.

## ENERGY FOR THE FUTURE

**Grade:** 11, 12

**Credit:** 0.5 per semester - *year long*

**Fee:** \$10 materials

**Prerequisite:** None

This course will provide motivated students an opportunity to explore a variety of topics related to human energy use and production with an emphasis on empowering students to make informed energy decisions. Topics covered will include: history of human energy use, basic energy types and concepts, electrical energy production, personal energy audits and a significant amount of time spent on different energy sources and how they are acquired, transported, and turned into useful energy. Students will explore the economic, environmental, and political advantages and disadvantages of both renewable and nonrenewable energy sources. The course is project based and may include guest speakers, field trips, discussions, readings, debates, and documentary videos. In this course students will be exposed to energy of the present and discuss energy for the future and how we can have an impact.

## ENVIRONMENTAL SCIENCE 1

**Grade:** 10, 11, 12

**Credit:** 0.5

**Fee:** \$5

**Prerequisites:** None

This course studies the interrelationships between organisms and their physical surroundings focusing on the effects humanity has within the worldwide ecosystem. This course provides students with knowledge to evaluate choices that can reduce the negative impact human activity has made on the environment and optimize worldwide living standards. It emphasizes the development of scientific principles, which allow students to identify and analyze environmental problems and associated risks. Students also examine solutions that can resolve and/or prevent ecological problems through critical and creative thinking skills. Environmental Science 1 will emphasize physical environmental science to study the management of land, air and water including pollution, hazardous wastes, and environmental laws and policies. Environmental Science 2 is not required after this class.

## ENVIRONMENTAL SCIENCE 2

**Grades:** 10, 11, 12

**Credit:** 0.5

**Fee:** \$5

**Prerequisites:** None - Environmental Science 1 is not required for this course.

This course studies the interrelationships between organisms and their physical surroundings focusing on the effects humanity has within the worldwide ecosystem. This course provides students with knowledge to evaluate choices that can reduce the negative impact human activity has made on the environment and optimize worldwide living standards. It emphasizes the development of scientific principles, which allow students to identify and analyze environmental problems and associated risks. Students also examine solutions that can resolve and/or prevent ecological problems through critical and creative thinking skills. Environmental Science 2 will emphasize environmental biology through the study of ecology, populations, and world resources.

## AP ENVIRONMENTAL SCIENCE

**Grades:** 10, 11, 12

**Credit:** 0.5 per semester- *year long*

**Fee:** Text and AP Exam, \$10 materials

**Prerequisites:** A or B in Biology or Chemistry

This yearlong course is designed to be the equivalent of a one semester lab-based introductory college course in Environmental Science. This is an interdisciplinary course that includes the subjects of biology, chemistry, earth science, and geography. About half of the course content focuses on humans and their impacts on the planet. The other half addresses the science and the mechanisms of environmental systems. Organization and self discipline are two skills that students will work on in this class, but holding these ideas as important is a good start.

As an AP class, students should plan to spend time outside of class working on course content. This includes reading one chapter from the textbook each week, taking notes, completing labs, and preparing for tests both alone and as part of a study group. Students completing this course are required to take the Advanced Placement examination in May.

## ASTRONOMY

**Grade:** 9-12

**Credit:** 0.5

This is a lab-based course designed for students interested in studying the components of the universe and its interactions. Topics include: size and scale of the solar system/universe, understanding space through light, impact events, how stars work, space travel, black holes, and motions of bodies in space.

## GENETICS

Grade: 10, 11, 12

Credit: 0.5

Fee: \$5

Prerequisite: Recommended C or better in Biology

This is a lab-based course designed for students interested in studying the basic concepts of genetics. Genetic variation, mutation, and genetic diseases are some of the basic topics covered. Students will have the opportunity to study topics of their choice. The past, present, and future of genetics will be examined and discussed. The role of genetics in the progression of cancer will also be explored.

## MARINE ECOLOGY

Grade: 10, 11, 12

Credit: 0.5

Fee: \$10 Lab Materials

Prerequisite: Recommended C or better in Biology

The oceans are the last vast frontier on the earth not yet fully explored or understood, join us to lift the curtain of ignorance. The oceans cover nearly 71% of the earth's surface, averaging 12,200 feet deep. A majority of the earth's population lives within a few hundred kilometers from the sea. The oceans provide vast food resources for the masses of people. Finally, the oceans provide people with a mode of transportation, recreation, and waste reception. Students enrolling in this class will develop a comprehensive understanding of earth's ocean environment. Because so little is still known about the oceans it is a good course to help the students become aware of the new discoveries and new research. We study the oceans because they are extremely important to life, weather, the habitability of the Earth and they even affect us in Colorado.

This course integrates various science disciplines, including marine biology. It will consist of labs and activities, videos, Internet images and data, topographic maps, land microscopes, and stereo photo pairs. Students in this course will utilize the Internet research for class assignments and projects. Regular student attendance and participation are crucial for student's success.

## MEDICINE

Grade: 12

Credit: 0.5

Fee: \$10

Prerequisite: A or B in Chemistry or concurrent enrollment in Chemistry

This is a condensed four-year medical school curriculum for seniors only. Objectives are to provide students with the opportunity to identify fields of medicine, to analyze their career potential, to measure the demands of time and scholarship medical education requires, and to establish rapport with physicians that might prove helpful to students in pursuing a medical career. This course may **not** be taken on a pass/fail option. **Classes are held at Arapahoe High School and meet from approximately 7:20 a.m. until 8:10 a.m.**

## PHYSICAL GEOLOGY

Grade: 10, 11, 12

Credit: 0.5

Fee: \$10 Lab Materials

Prerequisite: Recommended C or better in Biology

Students will examine the processes of change acting on the Earth's rocks, minerals, surface and subsurface over geologic time. Students will discover they won't feel like a stranger anywhere in the world, regardless of where they may travel in the future. They will learn how to look for and interpret earth's history in the evidence preserved in the rocks. The physical geology course will include information from astronomy, biology, chemistry, physics, and mathematics. This class will make students' feel comfortable about taking a geology class in college.

There will be frequent labs and activities; including examining specimens, making fossil casts, working with topographic maps and binocular microscopes, and looking at virtual field trips and aerial photo pairs. Students in this course will use the Internet for research and do projects as class assignments including developing presentations. Regular student attendance and participation are crucial to the student's success.

## **PHYSIOLOGY**

**Grade: 10, 11, 12**

**Credit: 0.5**

**Fee: \$5**

**Prerequisite: Recommended C or better in Biology**

This lab-based course surveys the anatomy, physiology, and pathology of the human body systems. The class will be taught through a variety of activities including labs, projects, lectures, and case studies. Concepts are explored by examining the body's response to extreme environments. A few of the environments include: space, fighter pilots, climbing Mt. Everest, and deep sea diving. The course also explores how diseases like cancer affect the human body.

## **PLANT BIOLOGY**

**Grade: 10, 11, 12**

**Credit: 0.5**

**Fee: \$5**

**Prerequisite: Recommended C or better in Biology**

This lab-based course surveys the plant kingdom and students learn about the plant germination process. Dissections of plants, utilization of the greenhouse, and experimentation with various growing techniques are included. A large amount of class time for this course is spent in the greenhouse.

[HHS Science Department link](#)

SOCIAL STUDIES COURSE OFFERINGS							
	Course Title	Credit					Prerequisite
			9th	10th	11th	12th	
C O R E	Geography/World Civilizations- year long	1.0	X				None
	AP Human Geography - <i>year long</i>	1.0	X				Instructor or Counselor Recommendation
	United States History - <i>year long</i>	1.0		X			None
	AP United States History - <i>year long</i>	1.0		X			Instructor and Counselor recommendation
	Economics	0.5			X	X	US History
	AP Macroeconomics	0.5			X	X	Instructor or Counselor recommendation
	AP Microeconomics	0.5			X	X	Instructor or Counselor recommendation
	Government	0.5			X	X	US History
	AP United States Government and Politics	0.5			X	X	Instructor or Counselor recommendation
	European History 1: Renaissance to the French Revolution	0.5			X	X	none
	European History 2: Industrial Revolution to Modern Day	0.5			X	X	none
	CE Western Civilizations - <i>year long</i>	1.0			X	X	Instructor Recommendation, Accuplacer Score
	AP European History - <i>year long</i>	1.0			X	X	Instructor or Counselor recommendation
AP World History - <i>year long</i>	1.0			X	X	Instructor or Counselor recommendation	
E L E C T I V E S	AP Psychology - <i>year long</i>	1.0			X	X	General Psychology recommended
	Anthropology	0.25	X	X	X	X	None
	Colorado History	0.25		X	X	X	None
	Comparative World Religions	0.25	X	X	X	X	None
	Film History	0.5		X	X	X	US History strongly recommended
	Introduction to Law	0.25		X	X	X	None
	Psychology	0.25			X	X	None
Russian History	0.25	X	X	X	X	None	

	Sociology	0.25			X	X	None
	Current Events	0.5			X	X	None

# SOCIAL STUDIES

Year long courses

Semester courses

Quarter courses

9TH GRADE

10TH GRADE

WORLD  
GEOGRAPHY &  
CIVILIZATION

OR

AP HUMAN  
GEOGRAPHY

US HISTORY

OR

AP US HISTORY

11th/12th Grade

\*\*\*Students must take Government (reg/AP) and Econ (reg/AP) at some point during their Junior/Senior year

AP WORLD HISTORY

AP EUROPEAN  
HISTORY

CONCURRENT  
ENROLLMENT  
WESTERN CIV

AP PSYCHOLOGY

**GOVERNMENT**\*\*\*

AP GOVERNMENT

**ECONOMICS**\*\*\*

AP MICROECONOMICS

AP MACROECONOMICS

EUROPEAN HISTORY 1:  
RENAISSANCE TO FRENCH  
REVOLUTION

EUROPEAN HISTORY 2:  
1800 TO PRESENT

WORLD ISSUES IN  
CURRENT EVENTS

FILM HISTORY

SOCIOLOGY

INTRO TO LAW

PSYCHOLOGY

# SOCIAL STUDIES COURSES

## WORLD GEOGRAPHY & CIVILIZATIONS

Grade: 9

Credit: 1.0

This year-long course is designed to help students become more engaged in historical and contemporary global issues, more informed about multicultural viewpoints, and to understand the relevance of social studies in everyday life and decision making. This class is an interdisciplinary course that combines history, geography, civics, and economics to help students understand the complexities of our modern world. In this course students will examine the world at the local, national, regional, and global levels analyzing patterns of history and the impact of geography.

## AP HUMAN GEOGRAPHY

Grade: 9

Credit: 0.5 per semester - *year long*

Fee: AP Exam, text

This class is designed to help students become more geoliterate, more engaged in contemporary global issues, more informed about multicultural viewpoints, and to understand the relevance of geography in everyday life and decision-making. APHUG is an interdisciplinary course that combines history, geography, civics, and economics to help students understand the modern world and contemporary issues. In this course students will examine the world at the local, national, regional, and global levels analyzing patterns of agricultural development, industrial development, inequality, urbanization, demographics, culture/cultural diffusion, political development, and sustainability. Students completing this course are required to take the Advanced Placement examination in May.

## UNITED STATES HISTORY

Grade: 10

Credit: 0.5 per semester - *year long*

The first semester is a survey of Industrialization, Manifest Destiny, Progressivism, Imperialism, World War I, the 1920's and the Great Depression – New Deal. These units emphasize the recurring themes of political and economic foundations of the U.S., and dealing with diversity to bring about unity. The second semester addresses World War II, the Cold War, domestic and foreign challenges in Vietnam, Korea, and the Civil Rights Movement. The class leads the student to understand the end of the 20th century and the role America plays in the world and the challenges we face in the 21<sup>st</sup> century. The themes include the recurring role of government to solve social and political inequality - versus- traditional government non-involvement and the limits of individual freedom. *In order to encourage students to become global citizens, course content is based on the Colorado Academic Standards of: developing an understanding of how people view, construct, and interpret history; analyzing key historical periods and patterns of change; examining and making connections with places and regions; analyzing the origins, structure, and functions of government and their impact on societies and citizens.*

## AP UNITED STATES HISTORY

Grade: 10

Credit: 0.5 per semester - *year long*

Fee: Text and AP Exam

Prerequisite: Counselor and instructor recommendation

This course is a broad survey of American historical periods beginning with colonization and concluding with modern 21st century issues. Students will develop the analytical skills and enduring understanding necessary to deal critically with the problems and materials in United States history. Students will learn to assess historical materials, their relevance to a given interpretive problem, their reliability, and their importance – and to weigh the evidence and interpretations presented in historical documents. The course will thus develop the skills necessary to arrive at conclusions on the basis of an informed judgment and to present reasons and evidence clearly and persuasively in an essay format (DBQ). Students completing this course are required to take the Advanced Placement examination in May.

## ECONOMICS

**\*Graduation Competency Opportunity**

Grade: 11, 12

Credit: 0.5

Prerequisite: US History

This course will introduce students to Personal Financial Literacy, Economic Systems and both Micro and Macroeconomic principles. Students will acquire knowledge and economic reasoning skills to make sound financial decisions (PFL). Students will be given an overview of how various economic systems choose to allocate scarce resources among unlimited wants. This course will also focus

on the market system, including the mechanisms of supply and demand. Students will look at the US economic system and explore the role of government in maintaining economic growth and stability. Students will consider the effect of globalization and international trade on the allocation of goods, services, and resources. *In order to encourage students to become global citizens, course content is based on the Colorado Academic Standards of: understanding the allocation of scarce resources in societies through analysis of individual choice, market interaction, and public policy; and acquiring the knowledge and economic reasoning skills to make sound personal financial decisions.* **This course offers a Capstone opportunity for students to demonstrate competency in both English and math according to the LPS District Capstone Rubric.**

## AP MACROECONOMICS

**Grade: 11, 12**

**Credit: 0.5**

**Fee: Text and AP Exam**

**Prerequisite: Counselor or instructor recommendation**

This course gives students a thorough understanding of the principles of economics that apply to an economic system as a whole. It places particular emphasis on the study of national income and price determination. The course also develops students' familiarity with economic performance measures, economic growth, and international economics. Students completing this course are required to take the Advanced Placement examinations in May; those students wishing to take the Advanced Placement Microeconomics exam may do so as well.

## AP MICROECONOMICS

**Grade: 11, 12**

**Credit: 0.5**

**Fee: Text and AP Exam**

AP Microeconomics is an introductory college-level microeconomics course. Students cultivate their understanding of the principles that apply to the functions of individual economic decision-makers by using principles and models to describe economic situations and predict and explain outcomes with graphs, charts, and data as they explore concepts like scarcity and markets; costs, benefits, and marginal analysis; production choices and behavior; and market inefficiency and public policy. Students completing this course are required to take the Advanced Placement examinations in May.

## GOVERNMENT

**Grade: 11, 12**

**Credit: 0.5**

**Prerequisite: US History**

This course will study general concepts of power, authority and governance as they relate to U.S. politics. The course explores various institutions, groups, beliefs, and ideas that influence the American political system. It focuses on the Constitution and on the roles of the three branches of government, political parties, the public, and the media. *In order to encourage students to become global citizens, course content is based on the Colorado Academic Standards of: developing an understanding of how people view, construct, and interpret history; analyze key historical periods and patterns of change; examine and make connections with places and regions; analyze and practice rights, roles, and responsibilities of citizens; analyze the origins, structure, and functions of government and their impact on societies and citizens.*

## AP UNITED STATES GOVERNMENT AND POLITICS

**Grade: 11, 12**

**Credit: 0.5**

**Fee: Text and AP Exam**

**Prerequisite: Counselor or instructor recommendation**

This course will give students an analytical perspective on government and politics in the United States. It includes both the study of general concepts used to interpret U.S. politics and the analysis of specific examples. The course requires familiarity with the various institutions, groups, beliefs, and ideas that constitute United States politics. The following major areas are studied: constitutional foundations, political beliefs and behaviors of individuals, political parties and interest groups, institutions of national government, civil rights and civil liberties. Students completing this course are required to take the Advanced Placement examinations in May.

## European History 1: Renaissance to the French Revolution

**Grade: 11, 12**

**Credit: 0.5**

In this semester-long course, students will investigate significant events, individuals, developments, and processes in Europe from 1450 through the French Revolution. Topics will include the Age of Exploration, Renaissance, Reformation, Scientific Revolution, Enlightenment, and the French Revolution. In this class students will analyze primary sources and secondary sources to develop and defend historical arguments while making historical connections by identifying patterns of continuity and change, cause and effect, as well as comparing and contrasting different time periods. *In order to encourage students to become global citizens, course content*

*is based on the Colorado Academic Standards of: developing an understanding of how people view, construct, and interpret history; analyze key historical periods and patterns of change; examine and make connections with places and regions; analyze and practice rights, roles, and responsibilities of citizens; analyze the origins, structure, and functions of government and their impact on societies and citizens.*

## **European History 2: Industrial Revolution to Modern Day**

**Grade: 11, 12**

**Credit: 0.5**

In this semester-long course, students will investigate significant events, individuals, developments, and processes in Europe from approximately the 1800s to the modern era, including topics of Industrialization, WWI, WWII, Cold War and modern European events. In this class students will analyze primary and secondary sources to develop and defend historical arguments while making historical connections by identifying patterns of continuity and change, cause and effect, as well as comparing and contrasting different time periods. The course is designed to encourage students to become more aware global citizens who better understand the complex nature of the modern world. *In order to encourage students to become global citizens, course content is based on the Colorado Academic Standards of: developing an understanding of how people view, construct, and interpret history; analyze key historical periods and patterns of change; examine and make connections with places and regions; analyze and practice rights, roles, and responsibilities of citizens; analyze the origins, structure, and functions of government and their impact on societies and citizens.*

## **CE/HIS 101 WEST CIV ANTIQUITY- CE/HIS 102 WEST CIV 1650 TO PRESENT (Formerly CE Western Civ)**

**Grade: 11, 12**

**Credit: 0.5/per semester - year long**

**Credit: 3 per semester (year long) with dual college credit through Arapahoe Community College (with a grade of C or higher) that is also one of the college Statewide Guaranteed Transfer courses.**

**Fee: A purchase of a Western Civilizations textbook is required for class.**

**Prerequisite: Accuplacer test**

Explores trends within events, peoples, groups, ideas, and institutions in Western Civilization from antiquity to 1650. This course focuses on developing, practicing, and strengthening skills historians use while constructing knowledge and studying a diverse set of narratives through perspectives such as gender, class, religion, and ethnicity.

Explores trends within events, peoples, groups, ideas, and institutions in Western civilization since 1650. This course focuses on developing, practicing, and strengthening skills historians use while constructing knowledge and studying a diverse set of narratives through perspectives such as gender, class, religion, and ethnicity.

## **AP EUROPEAN HISTORY**

**Grade: 11, 12**

**Credit: 0.5 per semester - year long**

**Fee: Text and AP Exam**

**Prerequisite: Counselor or instructor recommendation**

This course focuses on the study of European civilization from the 1450's to the present. The following three themes serve to illustrate the scope of the course: intellectual and cultural history, political and diplomatic history, and social and economic history. Students completing this course are required to take the Advanced Placement examinations in May.

## **AP World History**

**Grade: 12**

**Credit: 0.5 per semester - year long**

**Fee: Text and AP Exam**

**Prerequisite: Counselor or instructor recommendation**

This is an introductory college-level modern world history course. Students cultivate their understanding of world history from c. 1200 CE to the present through analyzing historical sources and learning to make connections and craft historical arguments as they explore concepts like humans and the environment, cultural developments and interactions, governance, economic systems, social interactions, governance, economic systems, social interactions and organization, and technology and innovation. Students are expected to complete the AP World Modern exam in the Spring with the possibility of earning transferable credits to most colleges and universities.

## **AP PSYCHOLOGY**

**Grade: 11, 12**

**Credit: 0.5 per semester - year long**

**Fee: Text and AP Exam**

**Prerequisite: General Psychology recommended**

This course is designed to introduce students to the systematic and scientific study of the behavior and mental processes of human beings and other animals. Students are exposed to the psychological facts, principles, and phenomena associated with each of the major subfields within psychology. They also learn about the methods psychologists use in their science and practice. Students completing this course are required to take the Advanced Placement examinations in May.

## **ANTHROPOLOGY**

**Grade: 9 - 12**

**Credit: 0.25**

**Prerequisite: None**

This course is an introduction to anthropology. The anthropologist studies humans of various cultures throughout time. The study of anthropology frees students from the limited perspective that confines the person who knows only her or his own culture. The course examines physical and cultural anthropology. Physical anthropology focuses on the development of humans as biological organisms. Cultural anthropology focuses on humans as cultural products.

## **COLORADO HISTORY**

**Grade: 10 - 12**

**Credit: 0.25**

**Prerequisite: None**

This semester course is a survey of Colorado history from the prehistoric people of Mesa Verde to the development of the state by exploration, farming, and mining. Students will examine the cultural and historical contributions of Colorado's indigenous peoples and their various ethnic communities. Students will also become familiar with the geography of the state. *Course content will address the Colorado Academic Standards for using historical methods of inquiry and evaluating sources.*

## **COMPARATIVE WORLD RELIGIONS**

**Grade: 9 - 12**

**Credit: 0.25**

**Prerequisite: None**

This course will explore the origins of religion, what makes humanity religious, and the central tenets of world religions. The purpose of the class is to enable students to understand other cultures and their values, beliefs and behaviors, social institutions and historical experiences by investigating the 10 minor and 6 major world religions.

## **Current Events**

**Grade: 11, 12**

**Credit: 0.5**

**Prerequisite: None**

In this semester course, students will analyze current events to examine the historical, political, economic, and cultural causes of these events. Students will also analyze how news media impacts public opinion and public policy. An appreciation of various viewpoints will be emphasized.

## **FILM HISTORY**

**Grade: 11, 12**

**Credit: 0.5**

**Prerequisite: None**

This semester course explores the history of cinema from its inception through the present. It is designed to familiarize students with different genres of motion pictures and with detailed aspects of filmmaking such as camera, sound, lighting, and computer techniques. Development of these aspects over the last century will be explored. Attention will be given to the influence history has had on the film industry and the way film has influenced our view of history. Students will be expected to view, take notes, discuss, and write about films and film clips that they watch in class.

## **INTRODUCTION TO LAW**

**Grade: 11, 12**

**Credit: 0.25**

Major topics of this semester course include basic terminology, court structures and legal procedures, criminal justice, civil law, the juvenile justice system and landmark court cases. Students will examine their legal rights and duties in criminal and civil proceedings. It will incorporate readings, class discussions, guest speakers, and mock trial activities.

## **PSYCHOLOGY**

**Grade: 11, 12**

**Credit: 0.25**

This semester course focuses on working toward a scientific understanding of the principles that govern human behavior. Subject matter includes research methods, theories of personality, learning theories, human development, motivation, and emotions. Students will be introduced to the field of abnormal psychology through a study of psychological disorders, their causes, and current treatments.

## **RUSSIAN HISTORY**

**Grade: 9 - 12**

**Credit: 0.25**

This semester course explores the development of Russian culture from pre-Christian times to the present day. Students will investigate Russia's vast geography, its ethnic diversity, its economic development, and its autocratic political tradition. Students will also study the era of the Soviet Union (1917-1991) when Russia was dominated by totalitarian communism. Finally, students will examine the Gorbachev and Yeltsin years up to the present day. As a result of this course students will become better acquainted with the remarkable depth of this culture.

## **SOCIOLOGY**

**Grade: 11, 12**

**Credit: 0.25**

This semester course is an introduction to sociology. Students are introduced to the idea of thinking about themselves and their world from a sociological perspective. Students look at how social structures, customs, and institutions impact societies and affect individuals. Major topics include gender, deviance, and social stratification. Important institutions such as the family, education, and religion are approached from a sociological viewpoint. Students will practice sociological skills through observation and research.

[HHS Social Studies Department Link](#)

	Course Title	Credit					Prerequisite
			9th	10th	11th	12th	
<b>F R E N C H</b>	French I - <i>year long</i>	.5/.5	X	X	X	X	C or better in 8th grade English, 8th grade reading level
	French II - <i>year long</i>	.5/.5	X	X	X	X	French I
	French III - <i>year long</i>	.5/.5		X	X	X	French II
	French IV - <i>year long</i>	.5/.5		X	X	X	French III
	AP French Language and Culture - <i>year long</i>	.5/.5			X	X	French IV
<b>G E R M A N</b>	German I - <i>year long</i>	.5/.5	X	X	X	X	C or better in 8th grade English, 8th grade reading level
	German II - <i>year long</i>	.5/.5		X	X	X	German I
	German III - <i>year long</i>	.5/.5			X	X	German II
	AP German Language and Culture - <i>year long</i>	.5/.5			X	X	German III
<b>S P A N I S H</b>	Spanish I - <i>year long</i>	.5/.5	X	X	X	X	C or better in 8th grade English, 8th grade reading level
	Spanish II - <i>year long</i>	.5/.5	X	X	X	X	Spanish I
	Spanish III - <i>year long</i>	.5/.5	X	X	X	X	Spanish II
	Spanish IV - <i>year long</i>	.5/.5		X	X	X	Spanish III
	AP Spanish Language and Culture - <i>year long</i>	.5/.5			X	X	Spanish IV
	AP Spanish Literature - <i>year long</i>	.5/.5			X	X	Spanish IV
	Advanced Spanish Culture and Conversation - <i>year long</i>	.5/.5			X	X	Spanish IV, AP Spanish Language or AP Spanish Literature

## WORLD LANGUAGE COURSES

### FRENCH I



encourage students to become global citizens, course content is based on the Colorado Academic Standards of: communication in the target language, knowledge and understanding of cultures, connections with other disciplines, and comparisons of language and culture.

## **GERMAN I**

**Grade: 9-12**

**Credit: 0.5 per semester- year long**

**Prerequisite: C or better grade in 8th grade English; 8th grade reading level**

Students will incorporate the interpersonal, interpretive and presentational modes of communication to develop novice level skills in listening, speaking, reading and writing German. Development and assessment of these four proficiencies are ongoing throughout the year. Students will develop an understanding of the language's sound system, recognizing and using the appropriate alphabet. Students will be able to communicate in German in the present and future about routine daily activities. They will also read selected authentic texts, and participate in cultural activities appropriate to the level. *In order to encourage students to become global citizens, course content is based on the Colorado Academic Standards of: communication in the target language, knowledge and understanding of cultures, connections with other disciplines, and comparisons of language and culture.*

## **GERMAN II**

**Grade: 10-12**

**Credit: 0.5 per semester - year long**

**Prerequisite: German I**

Second year German students continue to develop essential communication skills in the target language. Our work emphasizes student incorporation of the interpersonal, interpretive and presentational modes of communication to develop listening, speaking, reading, and writing in culturally appropriate contexts. Students expand their vocabulary and deepen their knowledge of more complex language structures and will be able to communicate about past events. Teacher facilitates use of German in conducting classroom activities, oral participation is emphasized, and students will continue reading from selected authentic texts. *In order to encourage students to become global citizens, course content is based on the Colorado Academic Standards of: communication in the target language, knowledge and understanding of cultures, connections with other disciplines, and comparisons of language and culture.*

## **GERMAN III**

**Grade: 11, 12**

**Credit: 0.5 per semester - year long**

**Prerequisite: German II**

In the third level of German, students refine their skills in listening, speaking, reading and writing through the interpersonal, interpretive and presentational modes of communication. Students will refine their ability to communicate in all three time frames (past, present and future). Students will read and discuss selected authentic fiction and nonfiction texts in German. There is increased emphasis on oral communication with increased vocabulary development and more polished written expression. Most of the class is conducted in German. *In order to encourage students to become global citizens, course content is based on the Colorado Academic Standards of: communication in the target language, knowledge and understanding of cultures, connections with other disciplines, and comparisons of language and culture.*

## **GERMAN IV**

**Grade: 11, 12**

**Credit: 0.5 per semester - year long**

**Prerequisite: German III**

This course develops a higher proficiency level in listening, speaking, reading and writing as students continue to advance in their interpersonal, interpretive and presentational modes of communication. . Students will refine their ability to communicate in all three time frames (past, present and future). They will also be able to communicate about hypothetical situations. Students will utilize a variety of authentic sources (print, audio and visual) which serve as a basis for creative and comparative writing, vocabulary enrichment and spontaneous oral expression. German is used almost exclusively in this class. *In order to encourage students to become global citizens, course content is based on the Colorado Academic Standards of: communication in the target language, knowledge and understanding of cultures, connections with other disciplines and comparisons of language and culture.*

## **AP GERMAN LANGUAGE AND CULTURE**

**Grade: 12**

**Credit: 0.5 per semester - year long**

**Fee: Text and AP Exam**

**Prerequisite: German IV**



*knowledge and understanding of cultures, connections with other disciplines and comparisons of language and culture.*

## **AP SPANISH LANGUAGE AND CULTURE**

**Grade: 11, 12**                      **Credit: 0.5 per semester - year long**

**Fee: Text and AP Exam**

**Prerequisite: Spanish IV**

This AP Spanish course is taught completely in Spanish. The class has been built for students to develop and demonstrate a high level of Spanish proficiency across the Interpersonal, Interpretive and Presentational communicative modes. The class is also built around six course themes in the AP Spanish Language and Culture Curriculum Framework: Global challenges, science and technology, contemporary life, personal and public identities, families and communities, and beauty and aesthetics. AP Spanish Language and Culture will also focus on the Standards for Foreign Language Learning in the 21<sup>st</sup> Century. Students enrolled in the AP Spanish Language and Culture class will be exposed to literature, culture, and current events occurring in the Spanish-speaking world via authentic audio and written texts. Students will use newspapers, magazines, blogs, literary texts, radio broadcasts, video, etc. By being exposed to the above types of texts, students will be able to develop their reading and auditory comprehension abilities. This is a course authorized by the College Board for advanced language. Students completing this course are required to take the Advanced Placement examination in May. *In order to encourage students to become global citizens, course content is based on the Colorado Academic Standards of: communication in the target language, knowledge and understanding of cultures, connections with other disciplines, and comparisons of language and culture.*

## **AP SPANISH LITERATURE**

**Grade: 11, 12**                      **Credit: 0.5 per semester - year long**

**Fee: Text and AP Exam**

**Prerequisite: Spanish IV**

Beginning with a work of prose from 1335, this course provides a panoramic survey of Spanish and Latin American literature from seven centuries. Exploring unifying themes, literary trends, and the interplay of history and literature, students learn not only about authors and their works, but also about the culture from which they sprang. In analyzing these works, students will participate in daily oral discussions, and will write extensively and will read challenging texts. This is a course authorized by the College Board for advanced language. Students completing this course are required to take the Advanced Placement examination in May. *In order to encourage students to become global citizens, course content is based on the Colorado Academic Standards of: communication in the target language, knowledge and understanding of cultures, connections with other disciplines, and comparisons of language and culture.*

## **ADVANCED SPANISH CULTURE AND CONVERSATION**

**Grade: 11-12**                      **Credit: 0.5 per semester - year long**

**Fee: \$100**

**Prerequisite: Successful completion of Spanish IV, AP Spanish Language or AP Spanish Literature**

Students will continue to develop proficiency in understanding and communicating in a variety of settings, topics, and types of discourse. Special focus will be placed on the exploration and discussion of the history, current events, arts, sports, geography and other cultural topics related to Spanish speaking cultures. Emphasis is placed on the development of communication skills through reading, writing, listening and speaking. Students will increase their accuracy in written and spoken Spanish through spontaneous discussions, debates and presentational speaking. Students will access a variety of resources including but not limited to literary works, print media and film. *In order to encourage students to become global citizens, course content is based on the Colorado Academic Standards of: communication in the target language, knowledge and understanding of cultures, connections with other disciplines, and comparisons of language and culture.*

[HHS World Language Department Link](#)

## UNIQUE CLASS OFFERINGS

### ADVISORY/ENRICHMENT

Grade: 9-12

Credit: .001 per quarter-year long-Advisory/.125 per quarter-year long-Enrichment

Required for all students

Note: Students do not need to register for Advisory/Enrichment, the counseling office will assign an Advisory class for each student. Advisory/Enrichment meets 30 minutes every Monday, Tuesday, Thursday, and Friday between periods two and three. Advisory is a course designed to create a positive and safe school atmosphere by building a sense of family and encouraging pride in HHS, while establishing a positive relationship between adults and students through communication about school life, important issues, and improving student performance whether social or emotional. Enrichment is an academic support offered two days a week. Advisory/Enrichment is a pass/fail class and attendance is required to pass. Five unexcused absences will result in failing the class.

### AP SEMINAR - AP Capstone Diploma Program

**\*Graduation Competency Opportunity**

Grade: 11, 12

Credit: 0.5 per semester - year long

Fee: Text and AP Exam

Prerequisite: Teacher recommendation/approval

General elective credit will be earned

In this foundational course, students develop and strengthen analytic and inquiry skills, by investigating real-world topics of their own choosing from multiple perspectives which often are different or competing. In groups and individually, the students will examine many types of materials to collect and analyze information with accuracy and precision, craft arguments based on facts supporting their point of view, and effectively communicate this information through various media. Themes that allow for deep exploration based on students interests, local and/or civic issues, global or international topics, and concepts from other AP courses are typically selected. For example, students might explore the question of whether national security is more important than a citizen's right to privacy, or whether genetic engineering is a benefit to society. During the course, students complete a team project and presentation, an individual paper and presentation, and take a written AP exam in May. The AP Seminar exam score is based on all three components and is reported on the standard 1-5 AP scoring scale. Most work is completed in the classroom. **This course offers a Capstone opportunity for students to demonstrate competency in both English and math according to the LPS District Capstone Rubric.**

### AP RESEARCH - AP Capstone Diploma Program

**\*Graduation Competency Opportunity**

Grade: 11, 12

Credit: 0.5 per semester - year long

Prerequisite: AP Seminar

The second course in the AP Capstone experience allows students to work with an expert advisor to design, plan, and conduct a year-long research-based investigation on a topic of individual interest. Through this inquiry and investigation, students demonstrate the ability to apply scholarly understanding to real-world problems and issues. Students further the skills developed in AP Seminar by understanding research methodology, employing ethical research practices, and accessing, analyzing, and synthesizing information to build, present, and defend an argument. Students may choose to:

- dig deeper into a topic studied in an AP course;
- work across academic areas with an interdisciplinary topic; or
- study an area of interest, perhaps one for further study at the college level.

At the end of the research investigation, students submit an academic thesis paper of about 5,000 words, present their thesis, and orally defend their work. The AP Research exam score is solely based on the paper, presentation, and defense, and is reported on the standard 1-5 AP scoring scale. Students do not sit for an AP exam in May. Most work is completed in class. **This course offers a Capstone opportunity for students to demonstrate competency in both English and math according to the LPS District Capstone Rubric.**

## STUDENT ASSISTANT

Grade: 9-12

Credit: 0.25 per quarter

Prerequisite: Student/Teacher contract

Students who are interested in student assistantships should confer with their counselor and the teacher they wish to assist. That teacher must sign a Student Assistant Registration slip. The assistant confers with his/her cooperating teacher regarding lesson plans, prepares materials for classroom presentations, helps students during the class and performs other duties assigned by the instructor. Students may apply for a total of 6 hours towards the elective hours needed for graduation, and must be enrolled in the minimum required hours for their grade level or must complete the Student Assistant Contract for approved classes before adding student assistant hours. Students are graded on a Pass/Fail basis; therefore, passing grades are not included in the student's GPA.

## STUDENT-TEACHER EDUCATION PARTNERS (STEP)

Grade: 11, 12

Credit: Varies

Prerequisite: Application and counselor approval - limited to two semesters while attending HHS

The STEP program is available to juniors and seniors who may be considering a career in the teaching profession. STEP students work with an approved Littleton Public Schools elementary or middle school teacher in their classroom and/or on the playground. STEP students may assist with tutoring individual students, planning and teaching a lesson, reviewing classroom material, reading to small or large groups, creating multimedia presentations and bulletin boards, and other tasks as needed. Credit hours earned depends on the number of hours spent in the school each week. These are elective credits that are graded on a Pass/Fail (P/F) basis; therefore, passing grades are not included in the GPA. Own transportation is a must.

## CONCURRENT ENROLLMENT

**What is Concurrent Enrollment?** Concurrent Enrollment is a college-level course offered on the high school campus or off-campus at ACC. Tuition is paid by Littleton Public Schools if the student receives a C grade or better. Students are responsible for transportation and any textbook or fees associated with the class if taken at ACC. Eligible students receive both high school credit and college credit when taking concurrent enrollment classes. Students begin building a college transcript while they complete their high school graduation requirements. Students must receive a grade of C or better to receive college credit. The courses must be applicable to high school graduation requirements and should be courses that are not offered at the high school. Private music classes, physical education classes and remedial classes (classes below the 100 level) do not count for credit. Meetings explaining this program are held during the semester previous to the semester students will be taking the course. Students are encouraged to see their counselor, visit the LPS District [website](#) or watch this video for more information: <https://youtu.be/DepSQj2Jk6I> for additional information.

### Eligibility:

- Be in the 9th -12th grade | thru age 21
- Have 85% attendance or higher
- Meet any college course prerequisites, if applicable.
- Be on track for graduation

**Is this right for me? Will my credits transfer?** Concurrent Enrollment creates options for students still in high school. It prepares students for the rigor and culture of college. Students build a college transcript while still in high school. Students may transfer their college credits to any two or four year college or university. Check with the accepting institution for credit acceptance.

## OFFERINGS AT OTHER LPS SCHOOLS

District policy allows students to cross-enroll in courses not offered in their home schools. The number of specific courses offered in a school at a particular time, as well as the courses themselves, reflect the educational priorities identified by the professional staff and the number of students requesting specific courses. Factors students should consider when expressing interest in an offering include course prerequisites, student's grade level, high school graduation requirements, college admission requirements, career and college goals, and student/parent preferences. If a student does enroll in a course outside of the home schools, it is the student's responsibility to travel to another school to participate in a cross-school course(s) and other logistical obligations. See your counselor for more information.

Students interested in any of these course offerings must complete the following form: [Offerings at Other High Schools](#)

### **CALCULUS III (OFFERED AT ARAPAHOE HIGH SCHOOL)**

**Prerequisite:** 'C' or better in AP Calculus BC

Completes the traditional subject matter of Calculus. Topics include vectors-valued functions, and multivariable calculus including partial derivatives, multiple integrals, line integrals, and application. **This class receives a weighted grade, but does not take an AP exam in May.**

### **AP SPANISH LITERATURE (OFFERED AT ARAPAHOE HIGH SCHOOL)**

**Prerequisite:** S1-a passing grade in Spanish IV; S2- a passing grade in AP Spanish Language-S1

AP Spanish Literature and Culture is an advanced course that uses a thematic approach to introduce students to representative texts of Spanish literature. Students continue to develop proficiencies across the different modes of communication (interpersonal, presentational, and interpretive), while improving their critical reading and analytical writing skills. Literature is examined within the context of its time and place, as students reflect on the many voices and cultures present in the required readings. The course also includes a strong focus on cultural connections and comparisons.

### **MEDICINE (OFFERED AT ARAPAHOE HIGH SCHOOL)**

**Credit:** .5      **Lab Fee:** \$10.00

**Prerequisite:** Must be a Senior. Recommend having a "B" or better in Chemistry. Teacher approval is required.

This is a rigorous fall semester course that integrates Biology, Chemistry, and Physics into its curriculum. Physicians from many specialty areas present medical school type lectures that link prior science knowledge. Students will be asked to take two tests that model medical school entrance exams, but cover just the material from our class. The course is designed for those students interested in a future career in medicine. **Appropriate, but mature medical material will be used in class. Offered Fall Semester only. Class will meet from 7:00am to 8:00am on Mondays and Fridays.**

### **AP PHYSICS II (OFFERED AT LITTLETON HIGH SCHOOL)**

**Credit:** .5/.5- year long

**Prerequisite:** AP Physics 1, Trigonometry and Analytic Geometry.

This course covers all of the topics in a second semester college course in algebra and basic trigonometry level physics. The course covers fluid mechanics, thermodynamics, electricity and magnetism, optics and atomic and nuclear physics. This course focuses on big ideas in physics and scientific inquiry through experimentation, analyzing, and solving problems. Lab work is a significant part and at least 25 percent of the class time will be spent on student-led inquiry-based labs. College credit may be awarded by colleges depending on the colleges' program requirements and student performance on the exam. Note: Students enrolled in this course are required to take the AP exam. There is a fee associated with this test. Students who may need financial assistance should contact the AP Coordinator. College credit may be available based on test score and institution.

### **MULTIMEDIA/VISUAL ARTS CTE (OFFERED AT OPTIONS)**

**Credit:** .25/quarter/8 quarters

This series of courses provides students an opportunity to learn skills in Design & Multimedia Arts. Students take courses in graphic design, digital photography, commercial photography, jewelry design & drawing. Students will utilize the Adobe Creative Cloud Suite (Illustrator, Photoshop, InDesign & Lightroom Classic) as well as design and build software (Tinkercad, Prusa, Einscan, Corel Draw) to learn beginning and advanced techniques in Digital Media & Design. These courses are helpful for any future photographer, advertiser, or graphic designer. Students will begin developing a high quality portfolio for college or design school. There could be opportunities to earn industry certifications through these courses.

## LITTLETON PUBLIC SCHOOLS - ACTS

### About Career & Technical Education

Career and Technical training is available to students from Cherry Creek, Douglas County, Englewood, Littleton and Sheridan school districts. The five school districts partner with Arapahoe Community College. Programs are located in a variety of locations. High school juniors and seniors are eligible to attend. Students must have good attendance, the ability to get along with others, and the ability to work in a group and independently. Strong academic ability is advantageous because college work is often required. In some cases, ACTS classes can replace graduation requirements. Please read the course descriptions on the following ACTS link <https://littletonpublicschools.net/career-technical-education> or talk to your counselor for more information. **Please be aware that completing this application DOES NOT equate to being accepted into the program you are requesting. The application will be submitted to the program and your counselor will be notified of your acceptance status.** Many of the CTE courses are “concurrent enrollment” courses. See below for answers to the frequently asked questions about this program.

**What is Concurrent Enrollment?** Eligible students receive both high school credit and college credit when taking concurrent enrollment classes. Students begin building a college transcript while they complete their high school graduation requirements.

**Am I eligible for Concurrent Enrollment?** High school students in grades 9-12 must demonstrate the academic ability and meet the necessary prerequisites to take concurrent enrollment classes.

**What is the College Opportunity Fund (COF)?** All students taking concurrent enrollment classes must apply for COF. The COF stipend pays a portion of a student’s tuition. All students must complete the COF application at <http://cof.college-assist.org/COFApp/COFApp/Default.aspx>

**What’s the cost?** Tuition is paid by your school district and the College Opportunity Fund. Students are responsible for any textbook or fees associated with the class.

*Classes are filled on a first come first serve basis.*

### For Current Course Descriptions and Location Information for ACTS

#### Courses please go to

<https://littletonpublicschools.net/career-technical-education>

#### *Some of the Courses frequently offered:*

- |  |   |
|--|---|
| <ul style="list-style-type: none"><li>● Intro to Agriscience</li><li>● Alternative and Renewable Energy</li><li>● Animal Science</li><li>● Architectural Drafting</li><li>● Automotive Technology 1</li><li>● Aviation</li><li>● Aviation Fundamentals</li><li>● Broadcast Journalism</li><li>● Cabinet and Furniture Making</li></ul> | <ul style="list-style-type: none"><li>● Early Child</li><li>● Esthetics</li><li>● Equine Science</li><li>● Fashion Design</li><li>● Fire Science</li><li>● Health Sciences Program</li><li>● Introduction to Veterinary Science</li><li>● Mechanical Drafting</li><li>● Nail Tech</li></ul> |
|--|---|

- **Criminal Justice**
- **Commercial Art**
- **Comprehensive Commercial Photography**
- **Comprehensive Graphic Design**
- **Cosmetology**
- **Digital Commercial Photography**

- **Natural Resources**
- **Prostart 1 and 2 – Englewood HS** (Each a year-long course)
- **Prostart 1 and 2 – Thunder Ridge HS** (Each a year-long course)
- **Teacher Cadet**

## **Enrollment Process**

[Click Here](#) to learn about the enrollment process.

**Step 1** – Gather all relevant information via our website ([www.lps2.it/ACTS](http://www.lps2.it/ACTS)), phone calls, emails and meetings. Check with your counseling office for more information

**Step 2** – Complete an application for admission [HERE](#) or check with the counseling office

**Step 3** – Verify [course choice](#) and approximate class time with your high school counselor for scheduling purposes.

**Step 4** - Submit your application online

## **Transportation and Credit**

All students must arrange and provide their own transportation to and from the classes. Credits will vary by course and by school district. Please check with our website or your school counselor for more information. Most courses are one year in duration. Students must take the course for the entire year. A semester long class will be indicated as such. Course fees are attached to some courses. These fees are dependent on the course and may cover materials, supplies, textbooks or uniform costs.

## **High School Announcements for Teacher Cadet**

Have you ever thought about teaching as a career? Would you like to be better prepared to succeed in college? Teacher Cadet is the course for you!

The Teacher Cadet Program is an innovative approach designed to attract talented young people to the teaching profession through a challenging introduction to teaching. The program provides high school students insight into the nature of teaching, and the critical issues affecting the quality of education in America's schools. The skills you master will be helpful in college and career!

This is a year-long elective (English and Practical Arts credits) where you will have a chance to make a difference with the children you come in contact with as you “try out” teaching. You will experience learning in the classroom and a mini-student teaching field experience. College credit opportunities are available.

## **Watch this 3 minute video**

**Help fill the Colorado teacher shortage - become a Teacher Cadet!**

For more information, contact instructor, Laura Alsdorf, [lalsdorf@lps.k12.co.us](mailto:lalsdorf@lps.k12.co.us), [CTE Website](#)

## LITTLETON PUBLIC SCHOOLS - EXPLORATIVE PATHWAYS FOR INNOVATIVE CAREERS



The LPS Explorative Pathways for Innovative Careers is set to open in the Fall of 2023! Located at Littleton Blvd and Broadway, across from LHS and the LPS Stadium.

- Students will spend part of their day at the Explorative Pathways for Innovative Careers and the remainder at their home high school. Transportation will be provided.
- EPIC courses intend to offer content credit, industry certifications, concurrent enrollment, and work-based learning.
- This is an opportunity for students to take classes in various pathways to learn more about this area and determine if they want to pursue post-secondary opportunities in this field, such as internships, apprenticeships, college course work, and/or careers.
  - Aerospace- engineering, robotics, flight, machining
  - Business and Entrepreneurship- business, marketing, entrepreneurship
  - Computer Science- game design, cyber security, information technology
  - Construction Trades- design, framing, electrical, plumbing, HVAC
  - Health Sciences-Nurses assistant certification program, mental health
  - Natural Resources-wildlife biology, soil and water ecology, horticulture, landscape design

Students interested in taking classes at the EPIC:

- Review your course catalog and enroll now in classes that are marked "Explorative Pathways for Innovative Careers Recommended Course"
- Reach out to the EPIC Principal with specific questions. Look for EPIC staff members at high school lunches throughout the semester to meet with interested students.
- Stay tuned for more information in the Fall of 2022 about enrolling in specific classes.

## Check out the [EPIC website](#) for the most up-to-date information

### ADDENDUMS

### CALCULATING YOUR GPA

Colleges look closely at a student’s high school performance: good grades and rigorous courses that challenge the student’s ability. Use the worksheet on this page to calculate your first semester GPA. Record what you expect to earn in each of your classes this semester. List each course under course name. Record the grade you expect to earn. Each grade has a point value: A=4, B=3, C=2, D=1, F=0 (for simplicity we will not weigh honors courses). Course credit is the credit for how many days a week a course meets, ex. English is 5 credits, Geography is 3 credits.

Finally, the credit value is the course credit multiplied by the point value.

<u>Course Name</u>	<u>Grade</u>	<u>Point</u>	<u>Course</u>	<u>Credit</u>
_____	_____	_____	_____	_____
	<u>Earned</u>	<u>Value</u>	<u>Credit</u>	<u>Value</u>
English _____	_____	= _____	X _____	= _____
Math _____	_____	= _____	X _____	= _____
Science _____	_____	= _____	X _____	= _____
World Civ or Geog _____	_____	= _____	X _____	= _____
Elective _____	_____	= _____	X _____	= _____
Elective _____	_____	= _____	X _____	= _____
Elective _____	_____	= _____	X _____	= _____
Elective _____	_____	= _____	X _____	= _____

Total the course credit & the credit value columns:

Totals: \_\_\_\_\_ Totals: \_\_\_\_\_

Divide the total credit value by the total course credit; carry it two decimal places:

Semester GPA = \_\_\_\_\_

<u>Course Name</u>	<u>Grade</u>	<u>Point</u>	<u>Course</u>	<u>Credit</u>
_____	_____	_____	_____	_____
	<u>Earned</u>	<u>Value</u>	<u>Credit</u>	<u>Value</u>
English _____	_____	= _____	X _____	= _____
Math _____	_____	= _____	X _____	= _____
Science _____	_____	= _____	X _____	= _____
World Civ or Geog _____	_____	= _____	X _____	= _____
Elective _____	_____	= _____	X _____	= _____
Elective _____	_____	= _____	X _____	= _____

Elective \_\_\_\_\_ = \_\_\_\_\_ X \_\_\_\_\_ = \_\_\_\_\_  
 Elective \_\_\_\_\_ = \_\_\_\_\_ X \_\_\_\_\_ = \_\_\_\_\_

Total the course credit & the credit value columns:

Totals: \_\_\_\_\_ Totals: \_\_\_\_\_

Divide the total credit value by the total course credit; carry it two decimal places:

Semester GPA = \_\_\_\_\_

## COLLEGE APPLICATION CHECKLIST

Application Checklist	College 1	College 2	College 3
<b>Applications</b>			
Request info/application from the college/university. Decide whether you will use the Common Application (only if you are applying to 2+ schools who allow the Common Application).			
Determine: Regular application deadline.			
Determine: Early application deadline (Early Decision? Top Choice (binding); Early Action? Seriously considering).			
If you are using the Common Application, it is essential that you make an appt. to see your Counselor.			
Be sure Common Application login/ID matches Naviance log-in/ID.			
Determine your chances of getting into each college/university.			
<b>Grades</b>			
Request high school transcript to be sent. Complete form available in Post Grad Center. Turn in form to the Counseling Secretary or the Registrar.			
Request midyear grade reports sent after 1 <sup>st</sup> semester of senior year. Let the Registrar or your counselor know this information.			
<b>Test Scores</b>			
SAT <sup>®</sup> required?			
SAT Subject Tests <sup>™</sup> required?			
Can you send SAT scores from HHS?			
Does school require SAT/SAT Subject Tests/AP scores to be sent from the testing agency? If so, go to this website: <a href="http://sat.collegeboard.com/scores/send-sat-scores">http://sat.collegeboard.com/scores/send-sat-scores</a> Or, you can request scores to be sent when you register for the SAT.			
Find out how to send AP grades/scores			
ACT required?			
ACT WRITING required? Remember, you did not take the writing portion as a junior at HHS.			
Can you send ACT scores from HHS?			

Does school require ACT test scores to be sent from testing agency? If so, go to this website: <a href="http://www.actstudent.org/scores/send/index.html">http://www.actstudent.org/scores/send/index.html</a> Or, you can request scores to be sent when you register for the ACT.			
<b>Letters of Recommendation</b>			
Check to see how many TEACHER letters of recommendation the school requires. The Common App requests 2 letters. Be sure to give teachers a 2 week time frame.			
Check to see if a Counselor letter and/or form needs to be completed. If so, make an appointment with your counselor to discuss the letter and/or form.			
Is your teacher sending your letter electronically? This is only possible if you used the Common Application or if the school allows letters to be submitted electronically.			
Is your teacher sending your letter by mail? Please provide the teacher with a stamped envelope that includes the admission office's address. Leave the return address blank. For every school you are applying to, you will need an envelope.			
Send thank-you notes			
<b>Essays</b>			
Write essays			
Proof essays for spelling and grammar			
Have two people read your essays			
<b>Interviews</b>			
Interview at college			
Alumni interview			
Send thank-you notes to interviewers			
<b>Send and Track Your Application</b>			
Make copies of all application materials			
Apply online			
Include application fee			
Sign application			
Confirm receipt of application materials			
Send supplemental material, if needed.			
<b>Financial Aid Forms</b>			
Priority financial aid deadline			
Regular financial aid deadline			
Complete FAFSA @ <a href="http://fafsa.ed.gov">fafsa.ed.gov</a>			
CSS PROFILE, if needed, complete @ <a href="http://student.collegeboard.org">student.collegeboard.org</a>			
Mail institutional aid form, if needed			
Mail state aid form, if needed			

<b>After You Send Your Application</b>			
Receive a letter from the office of admissions			
Receive financial aid award letter			
Send deposit			
Good luck!			

## HHS Transcript Request Form

**Student's Name** \_\_\_\_\_ **Today's Date** \_\_\_\_\_

**Counselor** \_\_\_\_\_ **College Application Deadline** \_\_\_\_\_

- ü *There is a \$5 processing fee for each college application, which also covers the midyear report and final (end of year) transcript submissions.*
- ü *This form must be submitted to the HHS Counseling Office at least 10 school days prior to the college application deadline in order to be received by the college on time.*
- ü *Deadlines between December 15 & January 15 must have requests submitted by the week after Thanksgiving.*

**Name of College:** \_\_\_\_\_

**Naviance Checklist – College Tab, “Colleges I’m Applying To”:**

- Yes/No      Are you using the Common App to apply to this school?
- Yes/No      I am using the Common App and have matched my Common App and Naviance accounts.
- Yes            I have added this college or university to your “Colleges I’m Applying To” list.  
\*This must be done before transcript will be sent
- Yes/No      I have added teachers’ names to teacher recommendation list\*\*, if needed.

**Documents requested to be sent with transcript:**

ACT/SAT test scores:                      Yes                      No

Counselor letter of recommendation:    Yes\*                      No

\*If this is your first request, make an appointment with your counselor.

Teacher letter of recommendation:    Yes\*\*                      No

\*\*Make a personal contact with the teacher before requesting

If needed, which teacher recommendations would you like sent to this college?

1. \_\_\_\_\_                                      2. \_\_\_\_\_

**By signing this form you are agreeing to allow Heritage High School to release your records to the above college, university or scholarship program electronically or via mail.**

STUDENT SIGNATURE \_\_\_\_\_

**For Counseling Office Use Only**

Transcript fee received by \_\_\_\_\_ Date \_\_\_\_\_

Processed by \_\_\_\_\_ Date Sent Electronically \_\_\_\_\_ Date Sent by Mail \_\_\_\_\_

Comments \_\_\_\_\_